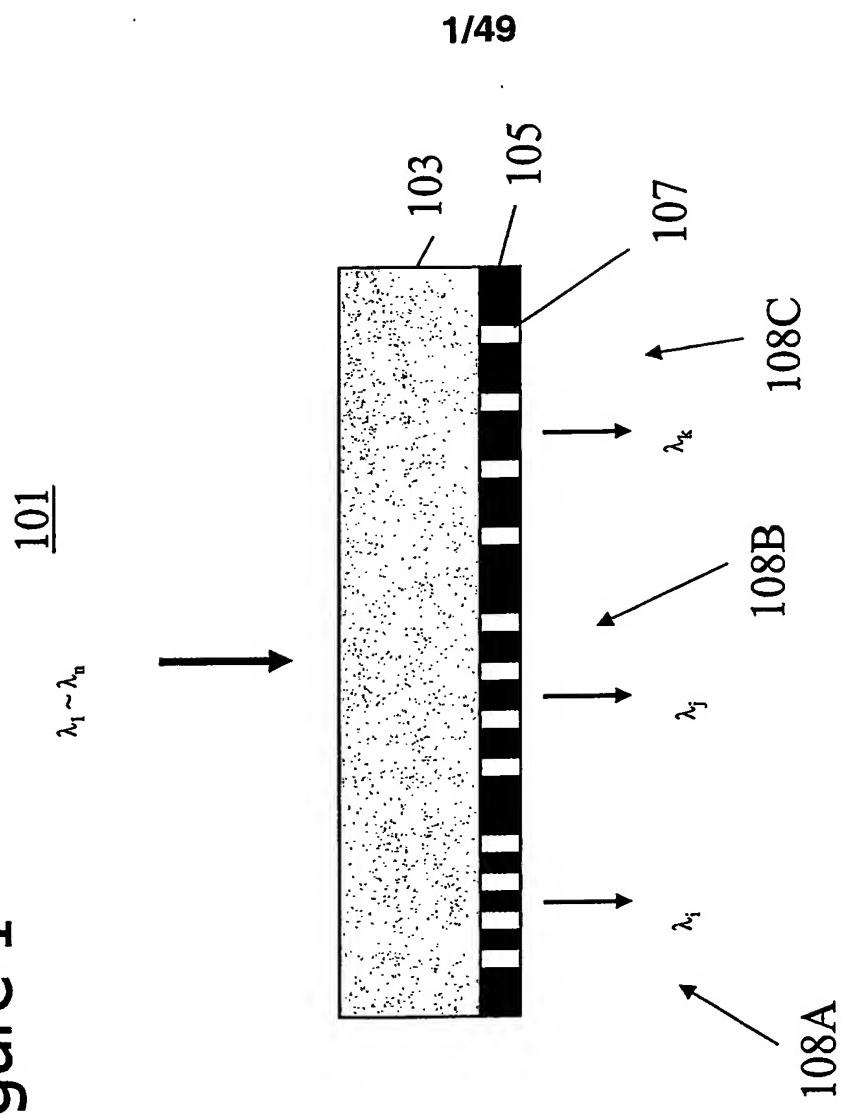
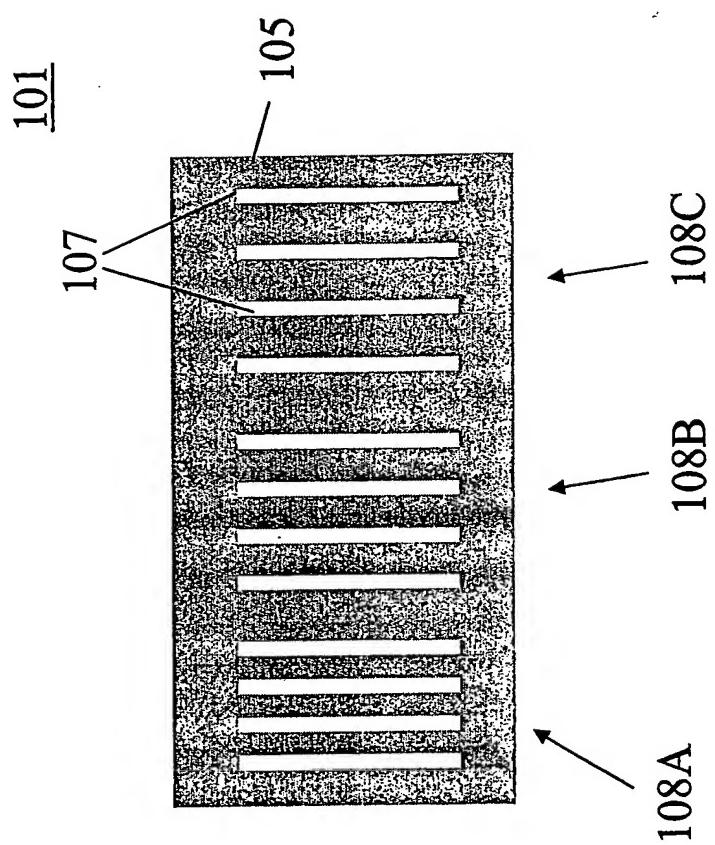


Figure 1



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Figure 2A

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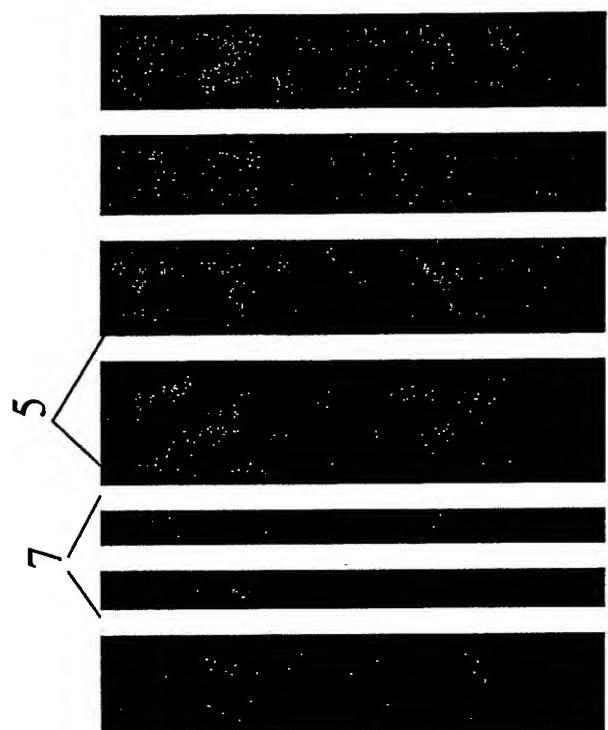
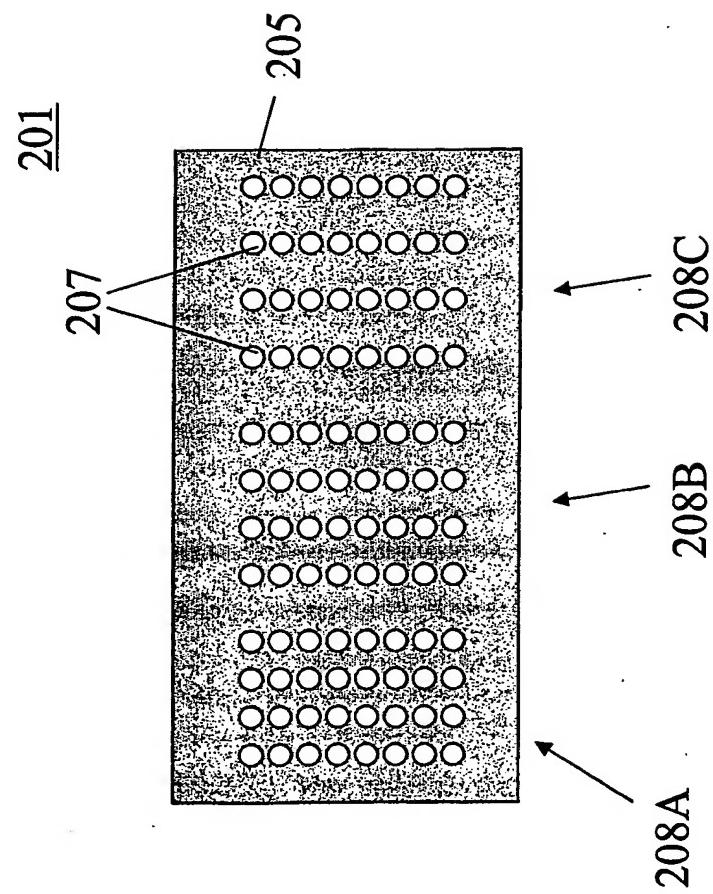


Figure 2B

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Figure 2C

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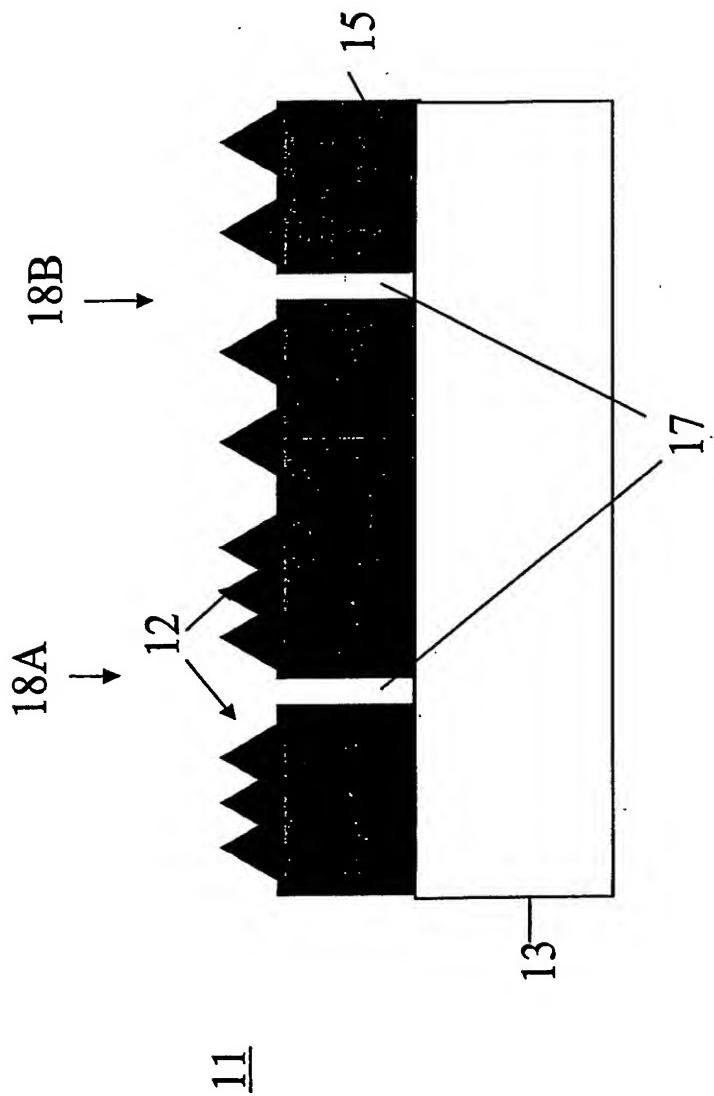


Figure 2D

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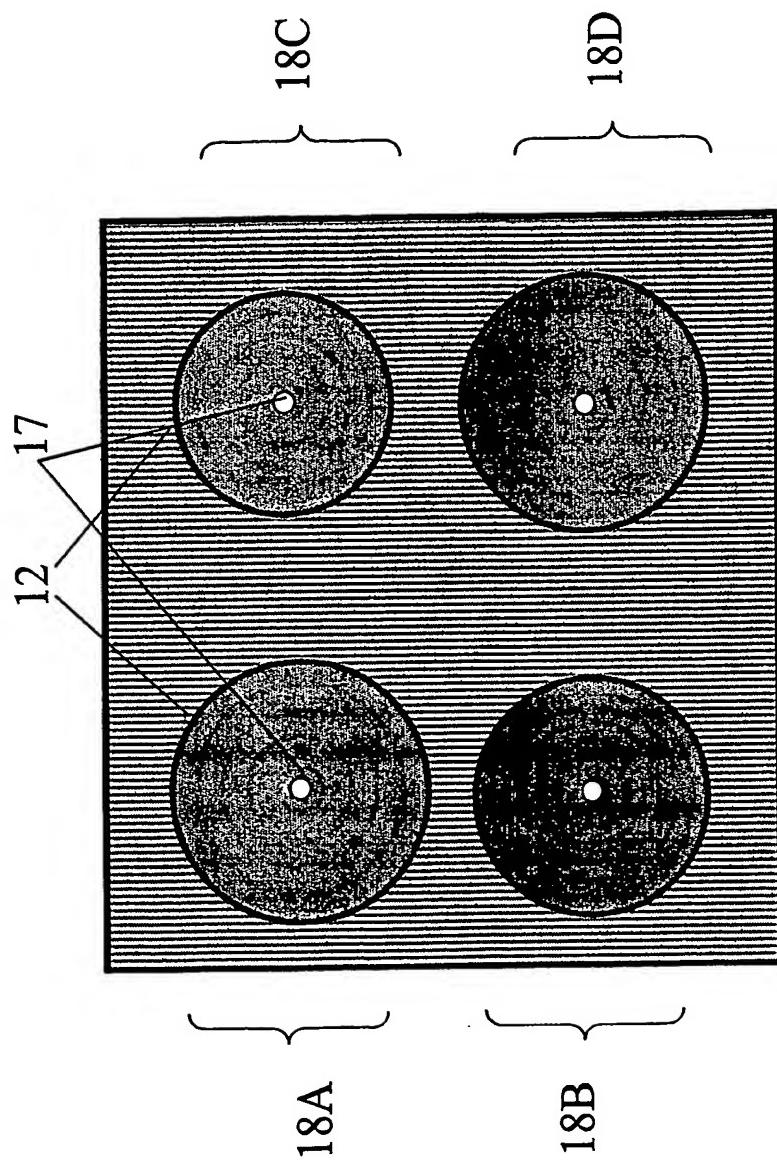
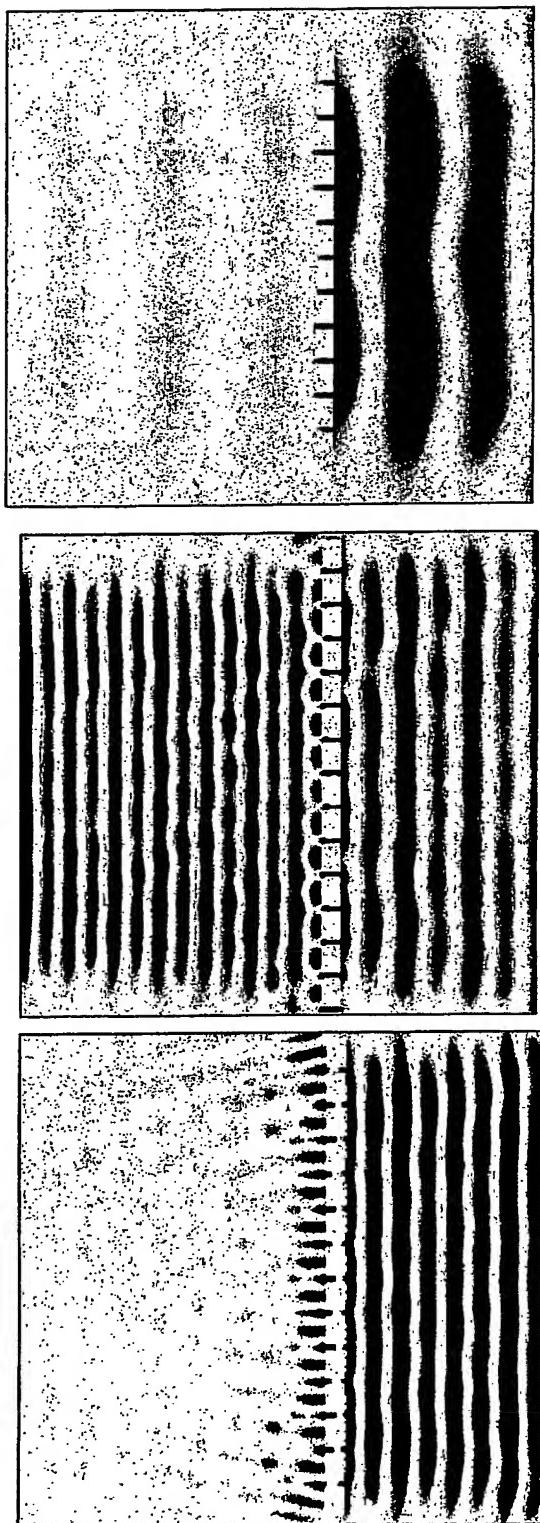


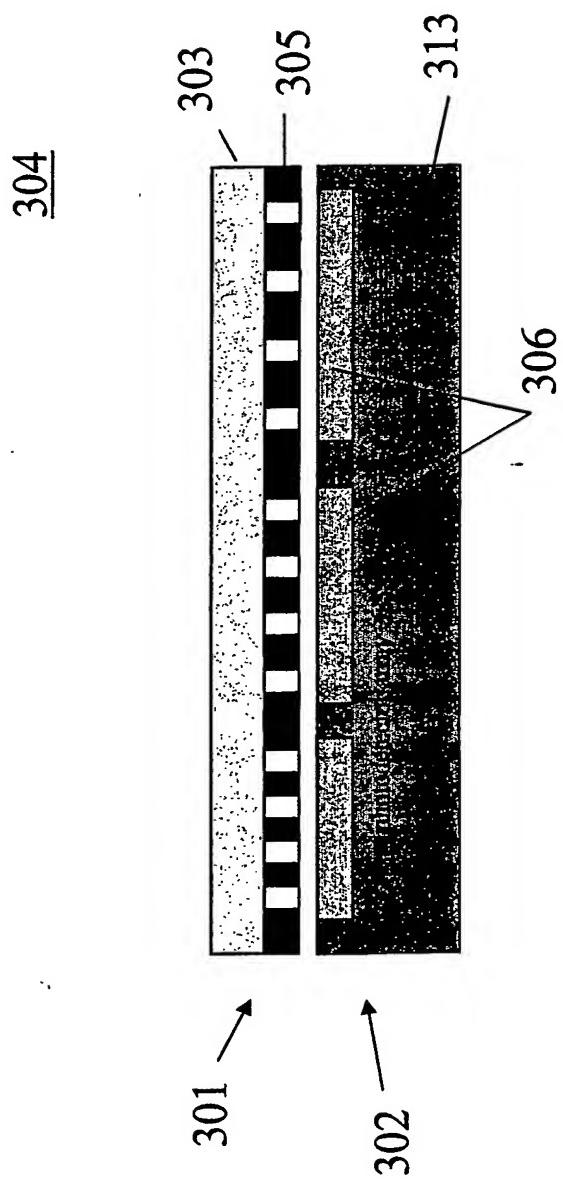
Figure 2E

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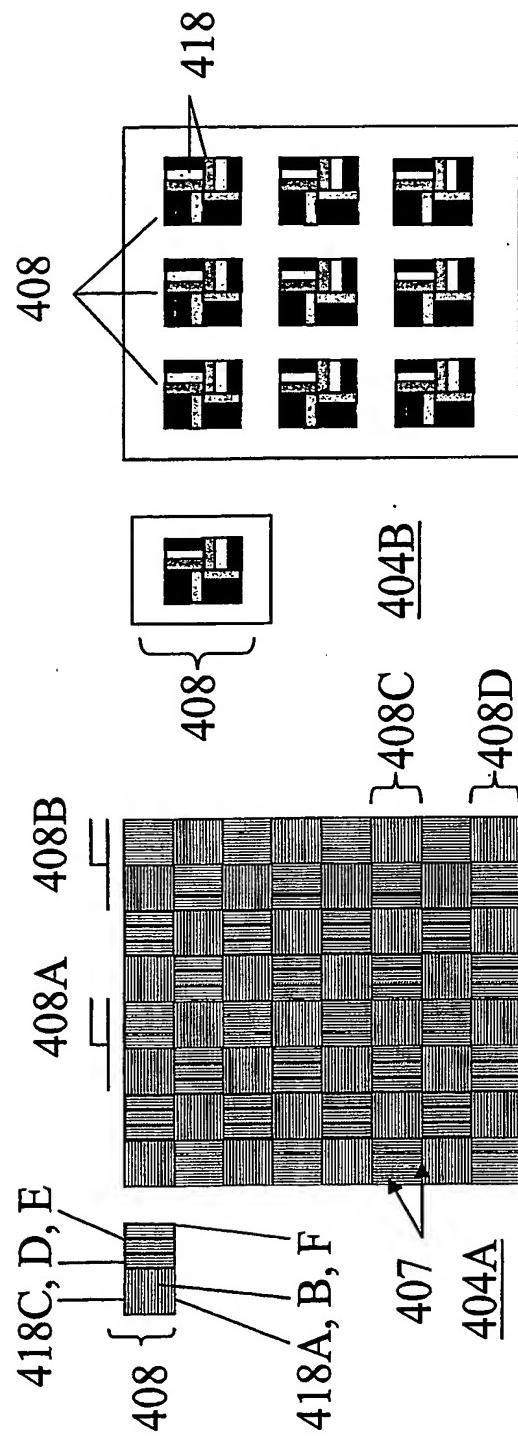
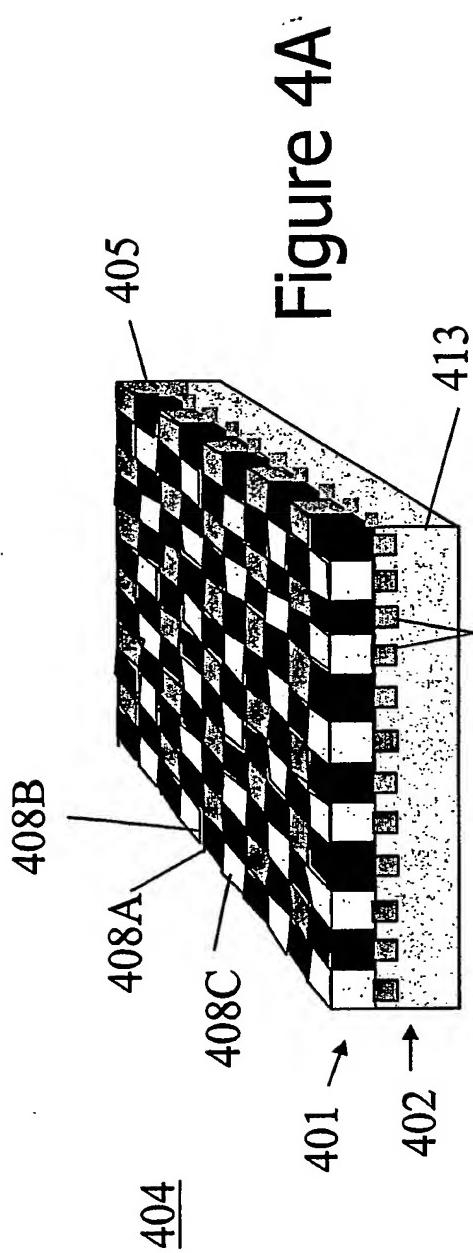
FIGURE 2F
FIGURE 2G
FIGURE 2H



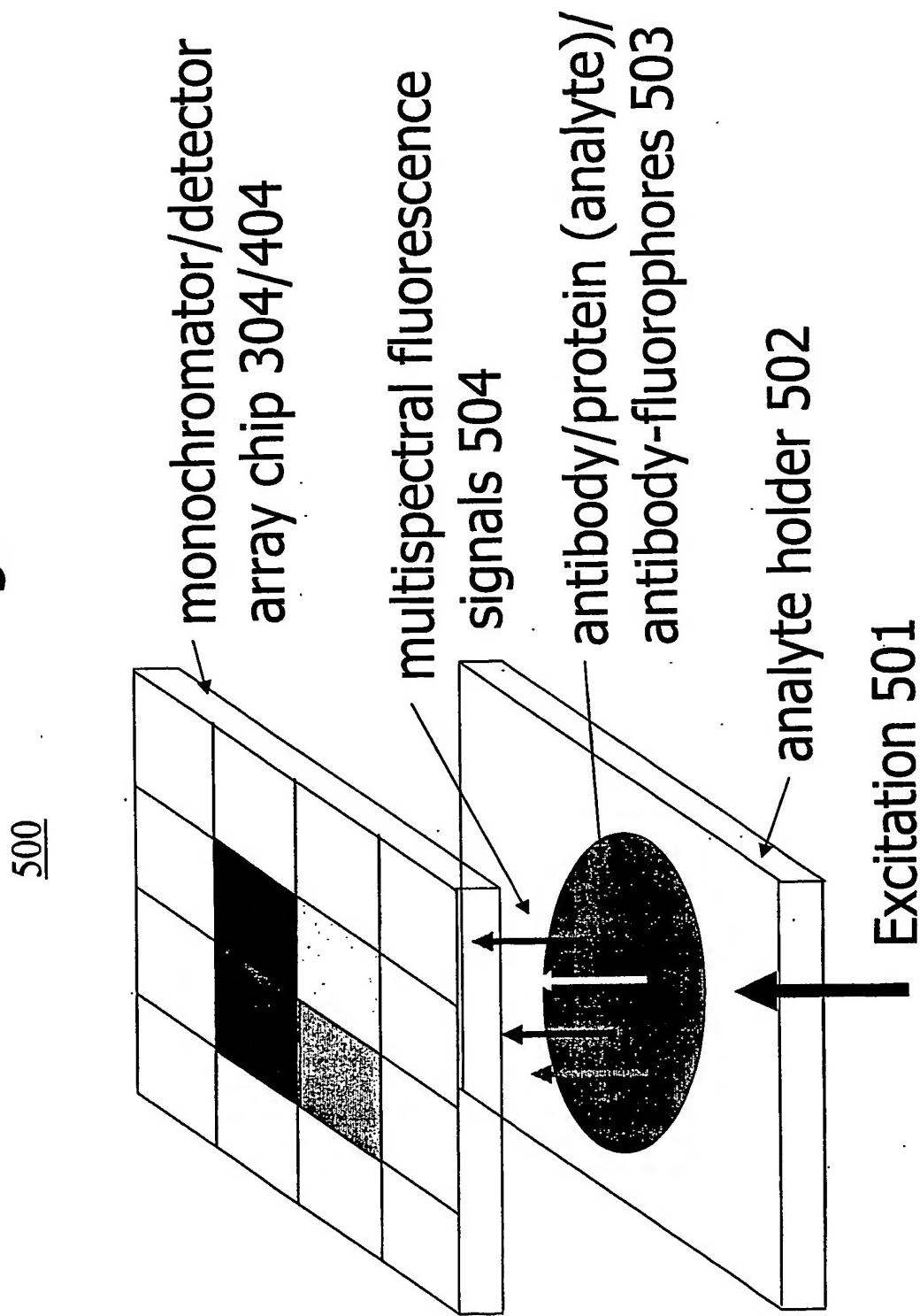
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Figure 3

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Figure 5A

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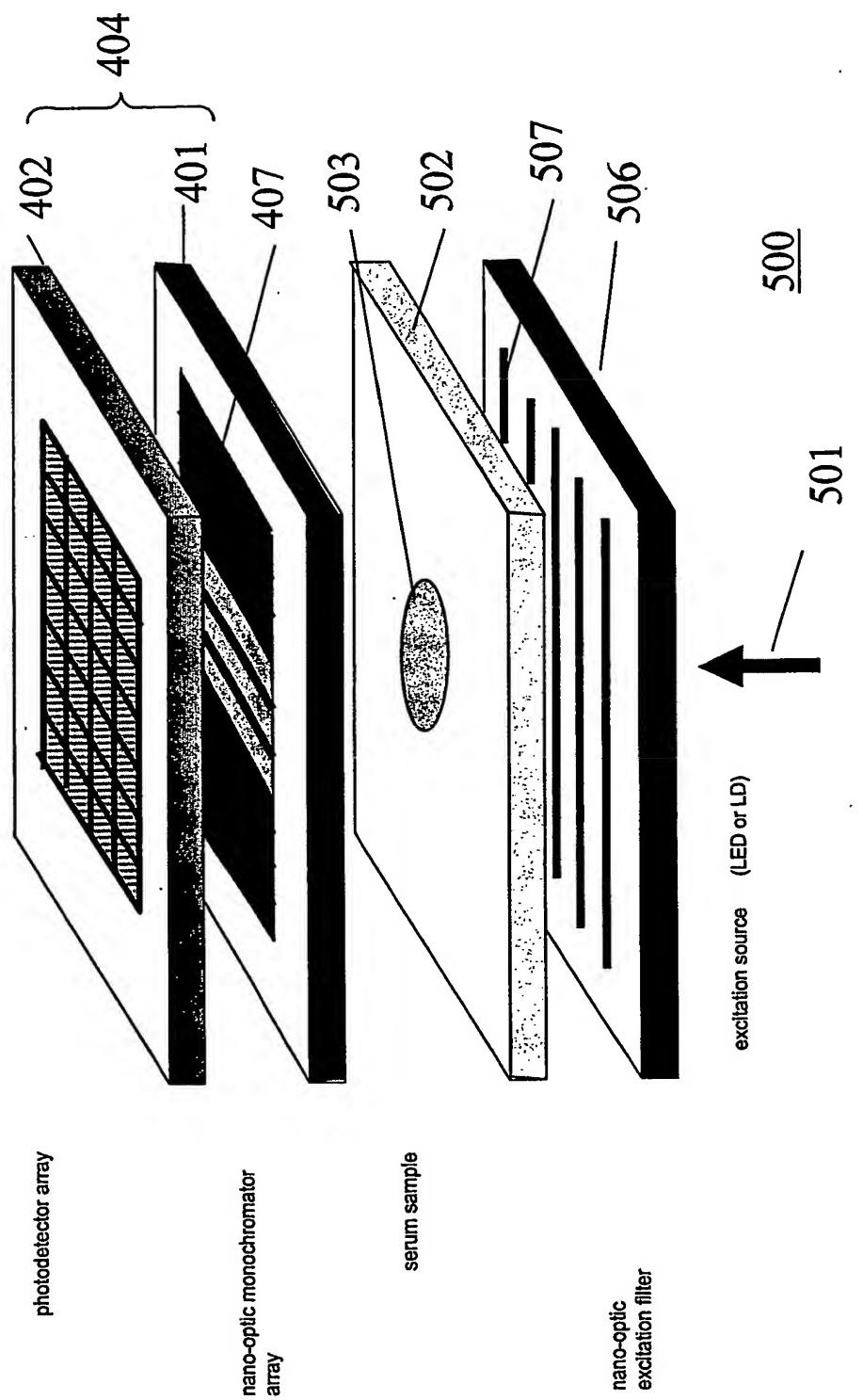
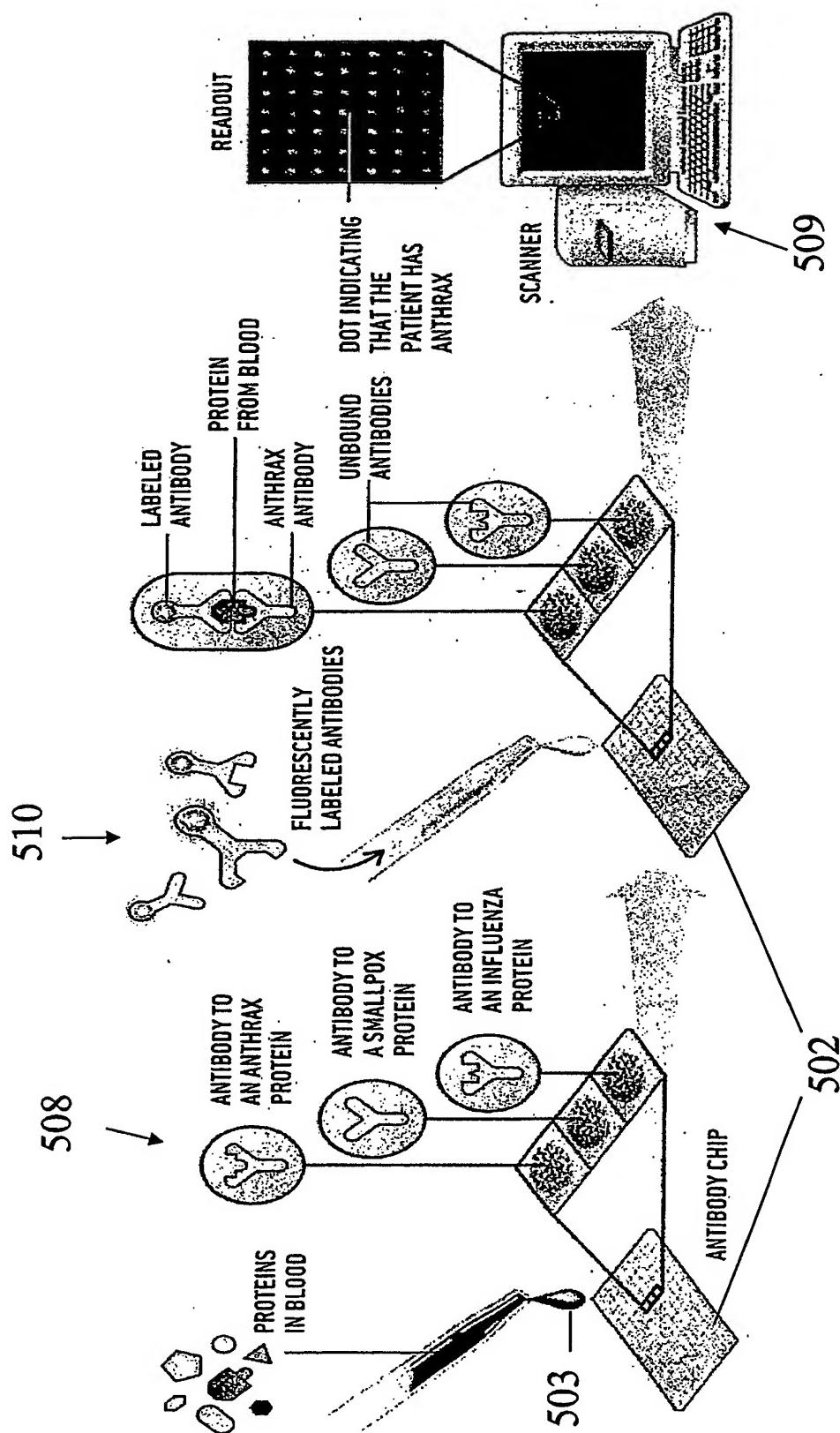


Figure 5B

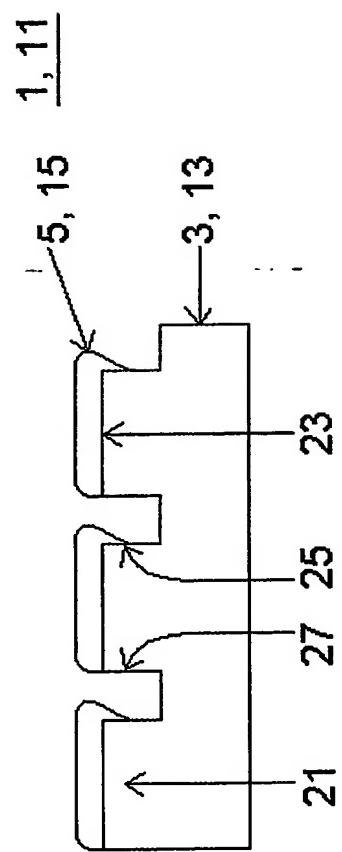
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Figure 6



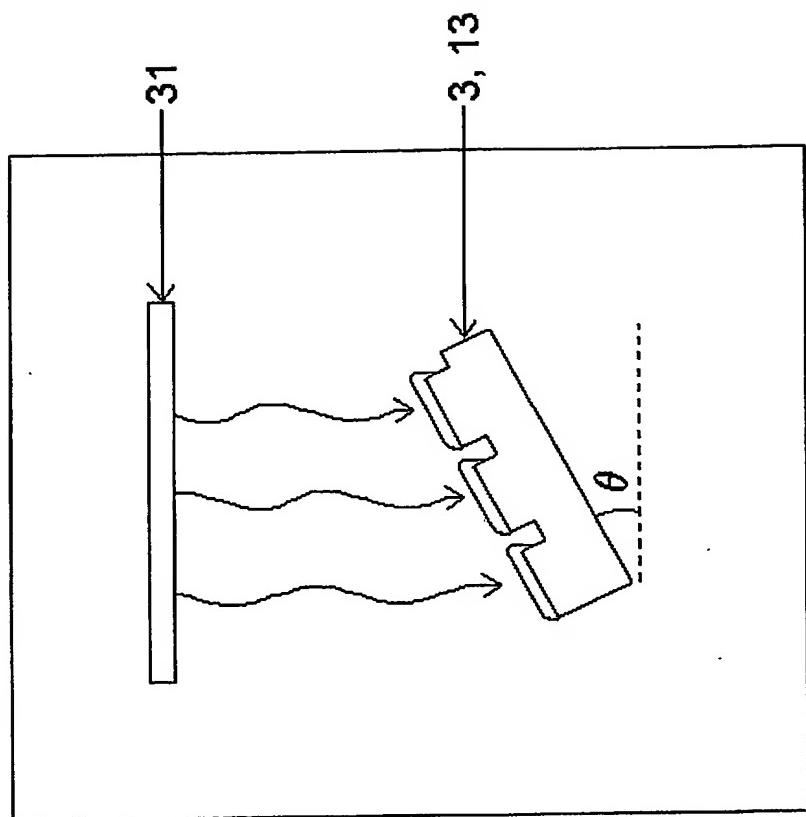
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Figure 7



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Figure 8



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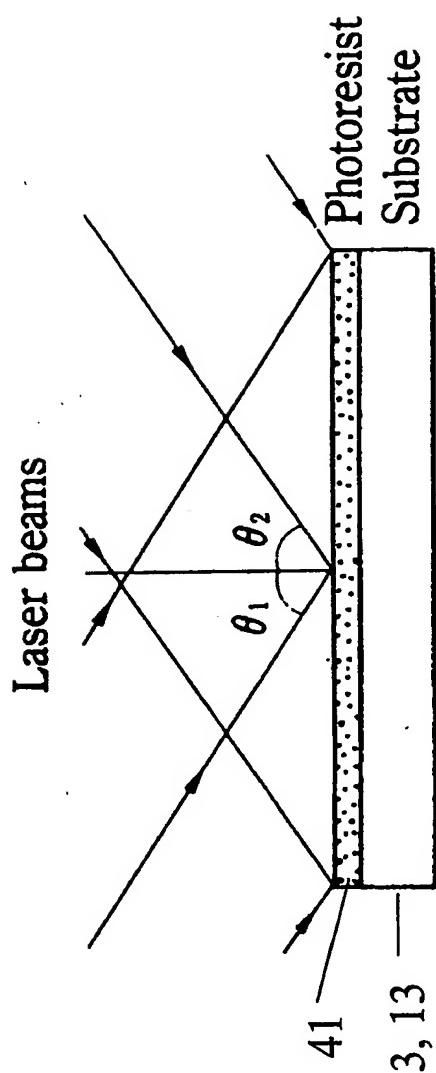


Figure 9(a) Two-beam interference recording

$$\leftrightarrow A = \lambda / (\sin \theta_1 + \sin \theta_2)$$

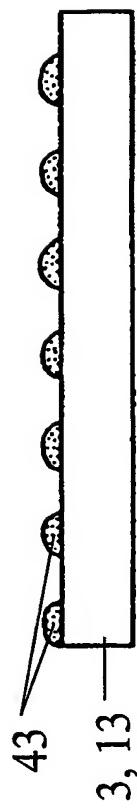
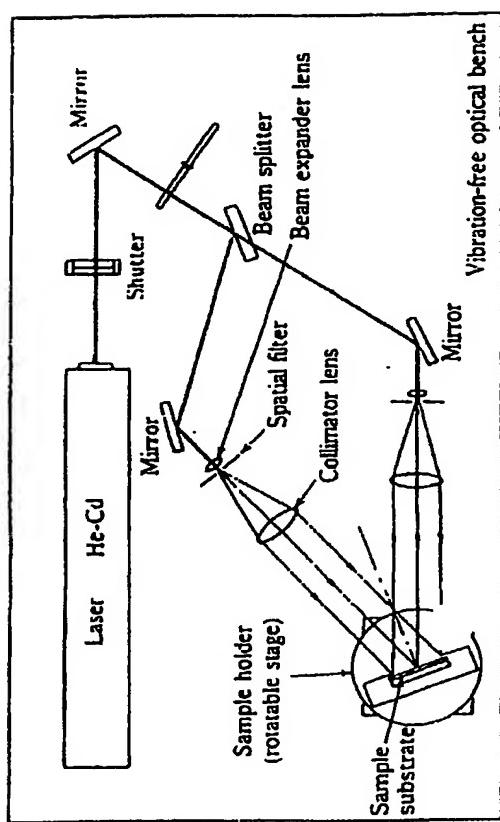


Figure 9(b) Grating after development

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FIGURE 9C



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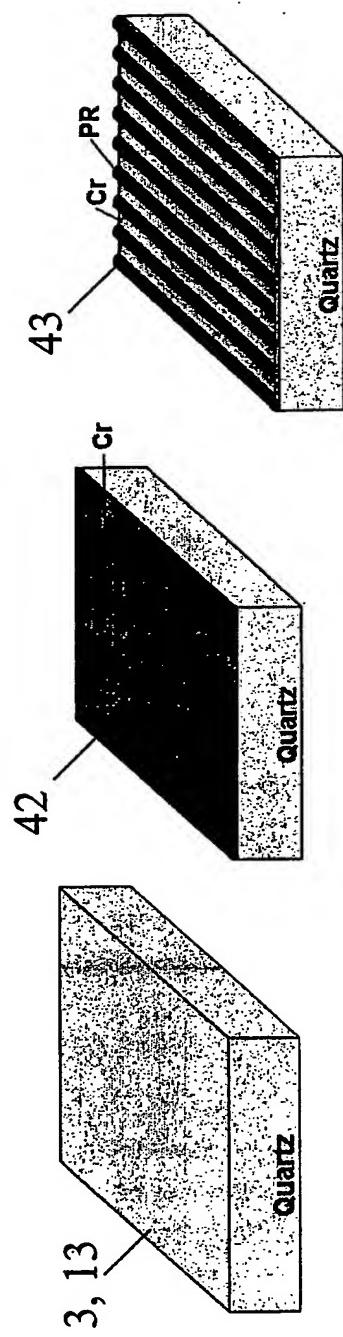


Figure 9D

Figure 9F

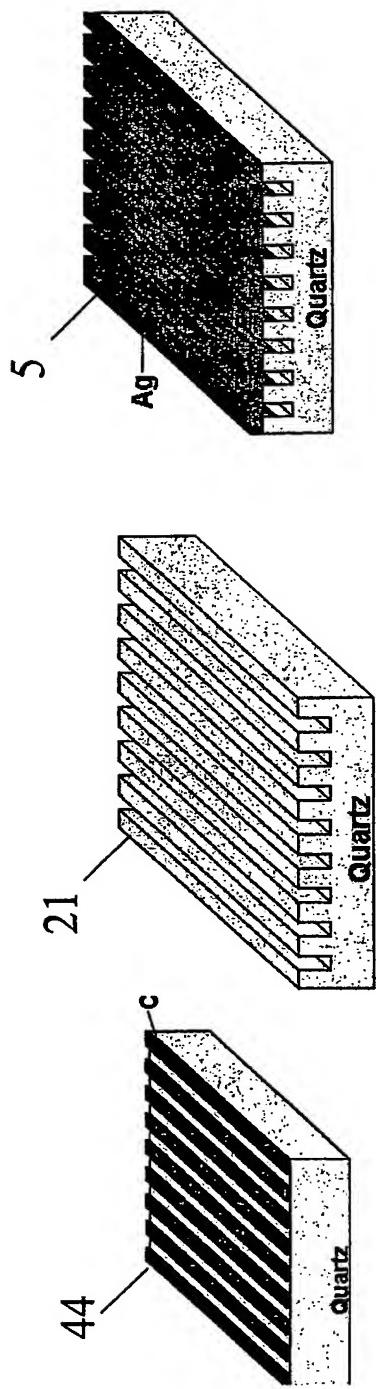


Figure 9G

Figure 9I

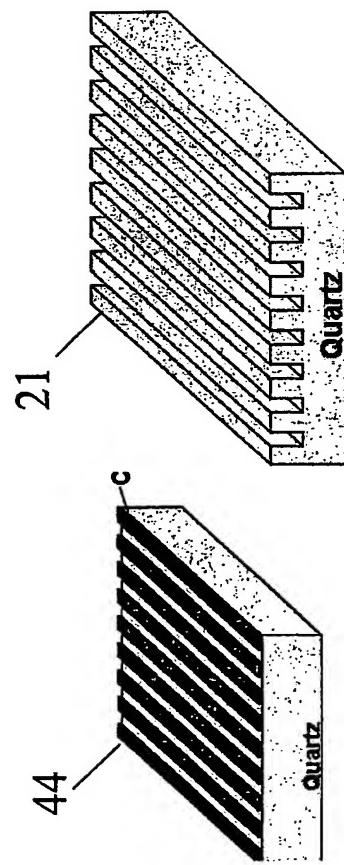


Figure 9H

Figure 9J

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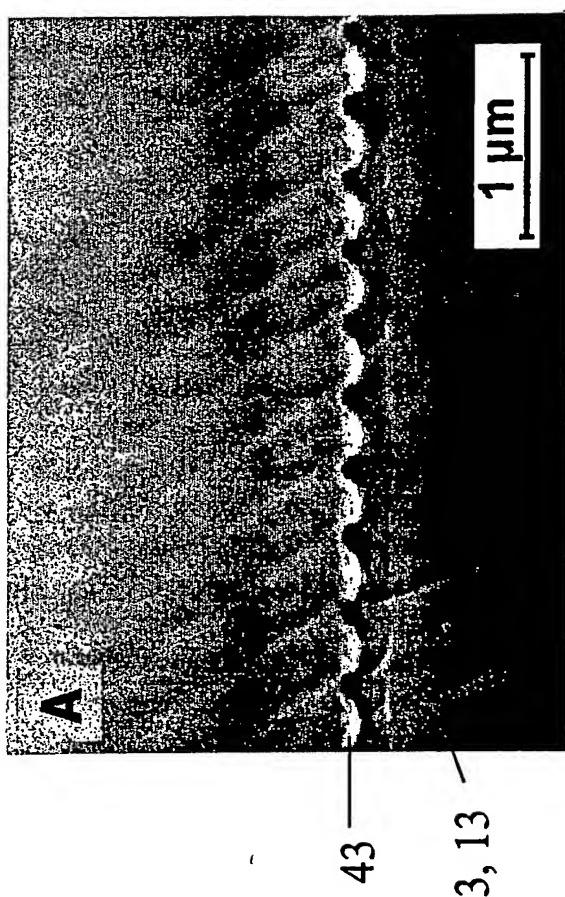


Figure 10A

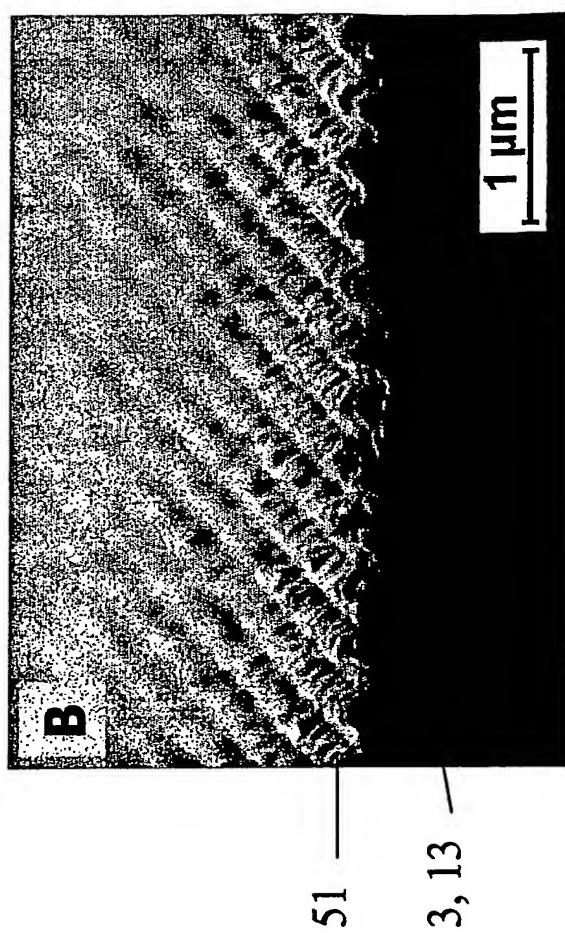


Figure 10B

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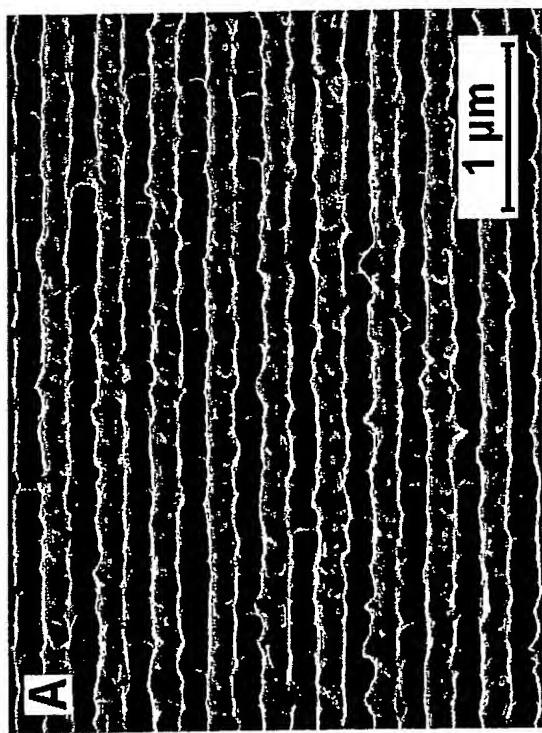


Figure 10C
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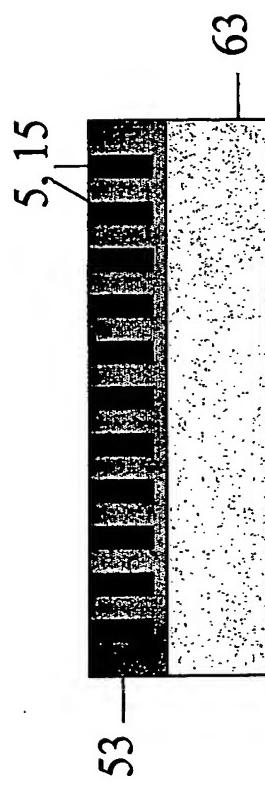


Figure 10D

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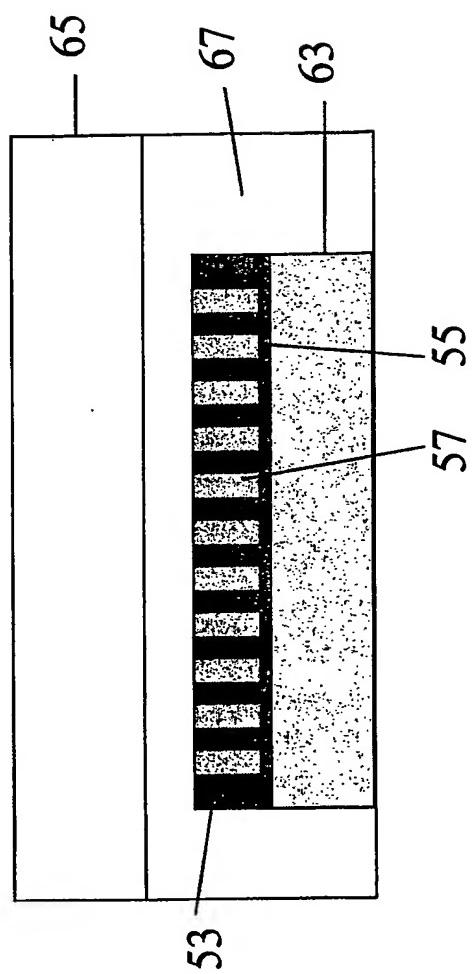


Figure 10E

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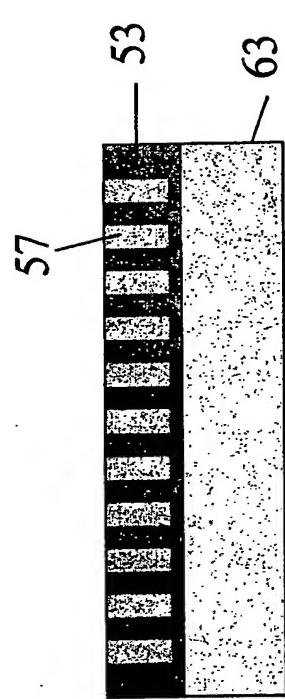


Figure 11A

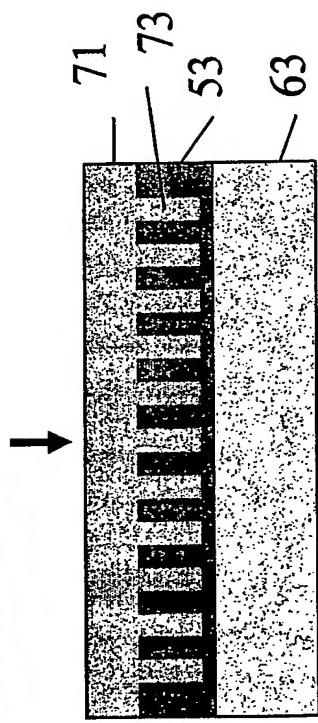


Figure 11B

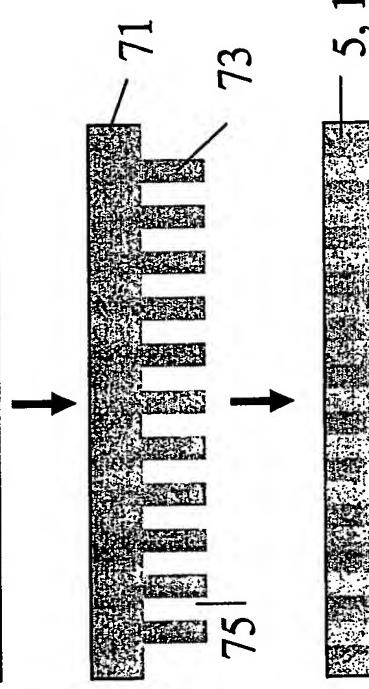


Figure 11C



Figure 11D

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Figure 12A

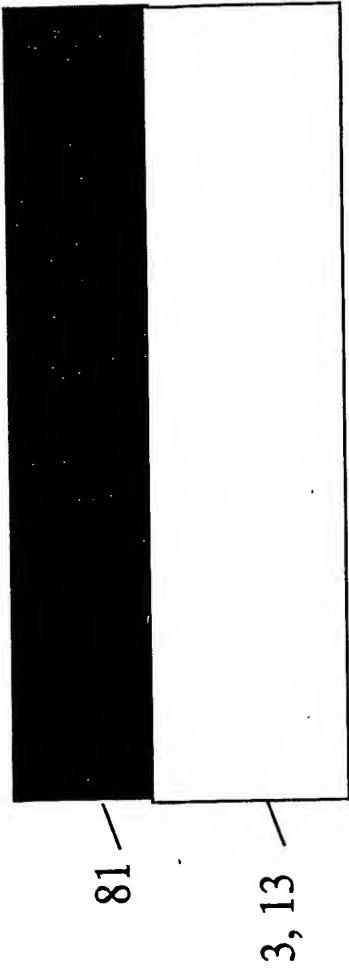
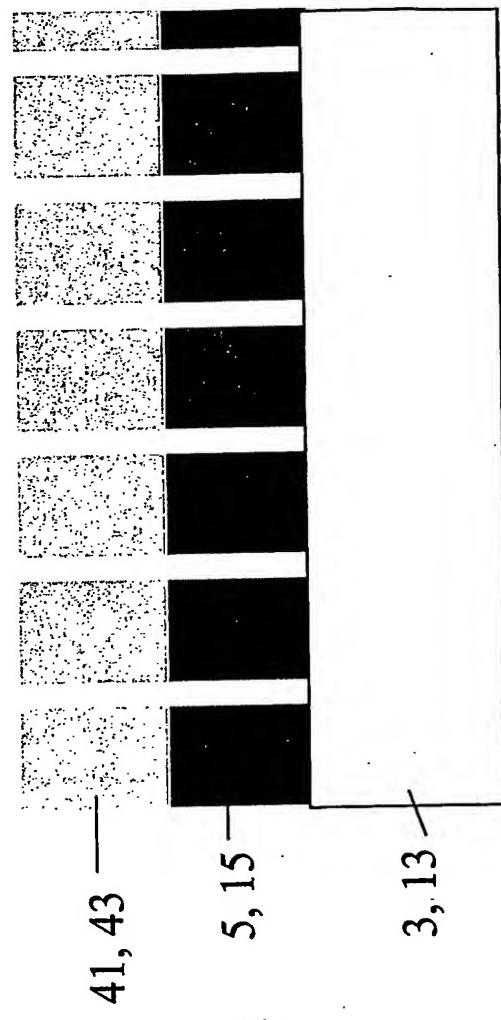
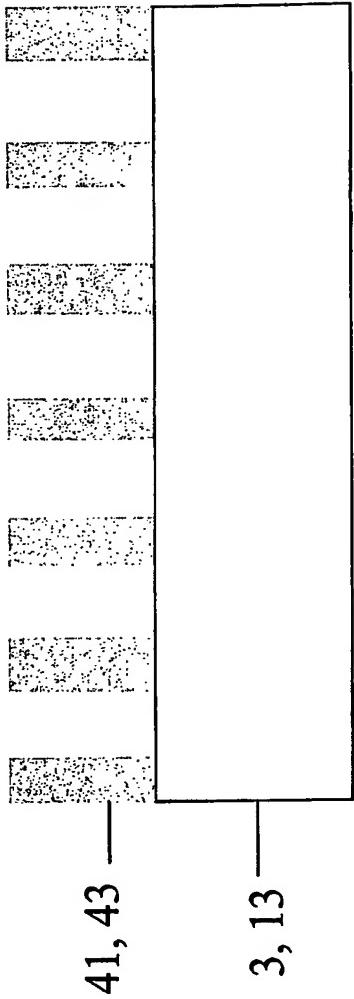


Figure 12B



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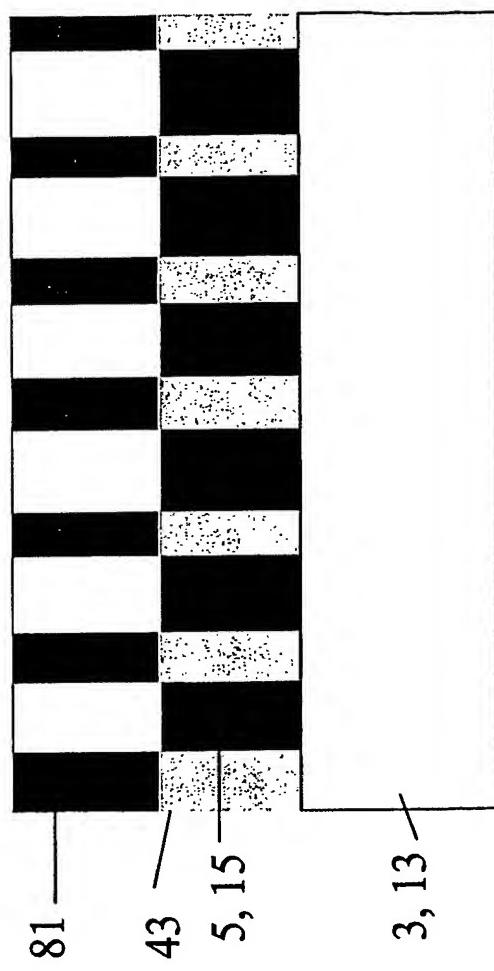
Figure 13A



41, 43 —

3, 13 —

Figure 13B



81 —

43 —

5, 15 —

3, 13 —

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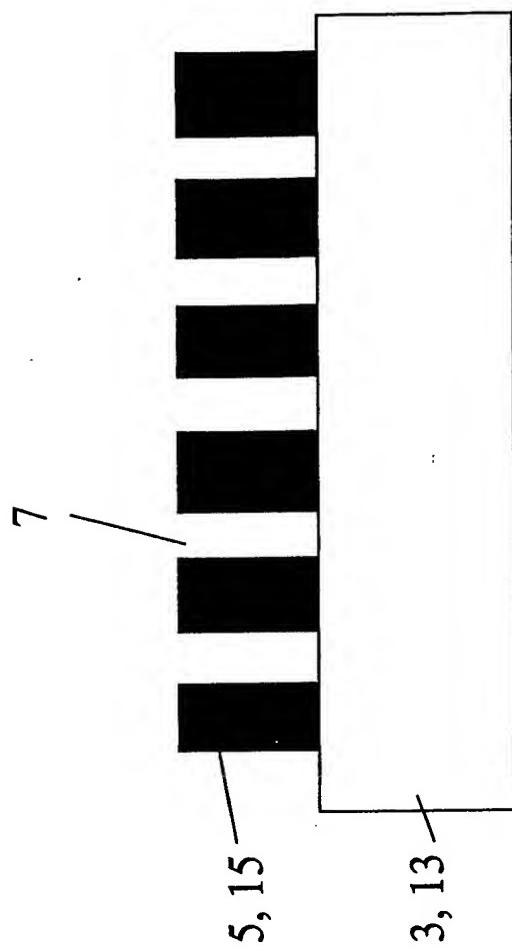
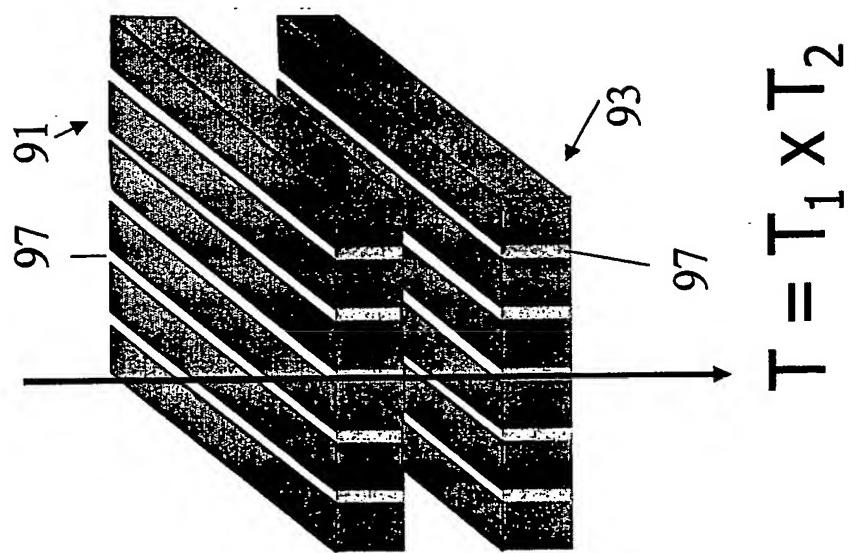


Figure 13C

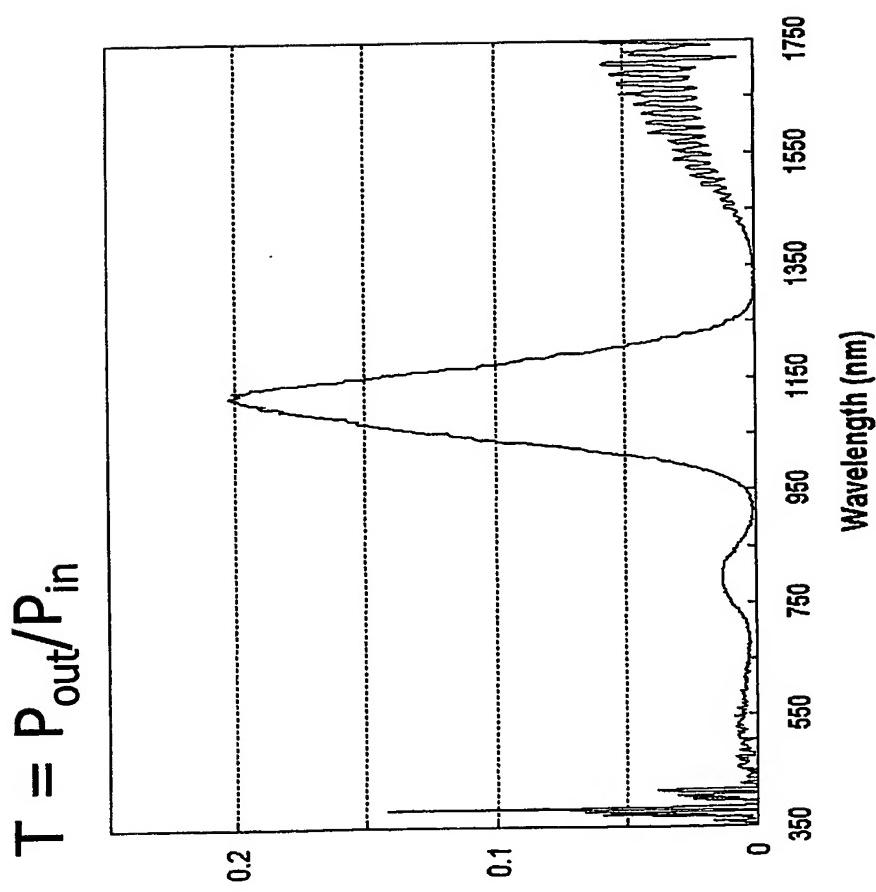
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Figure 14



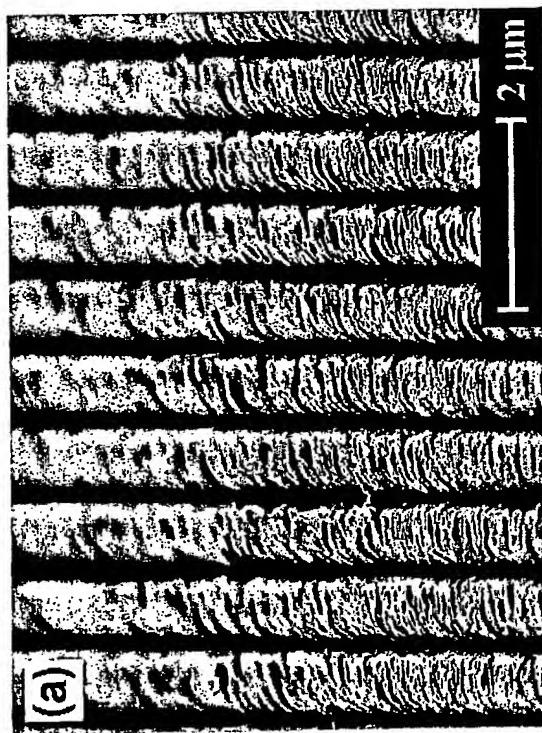
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Figure 15



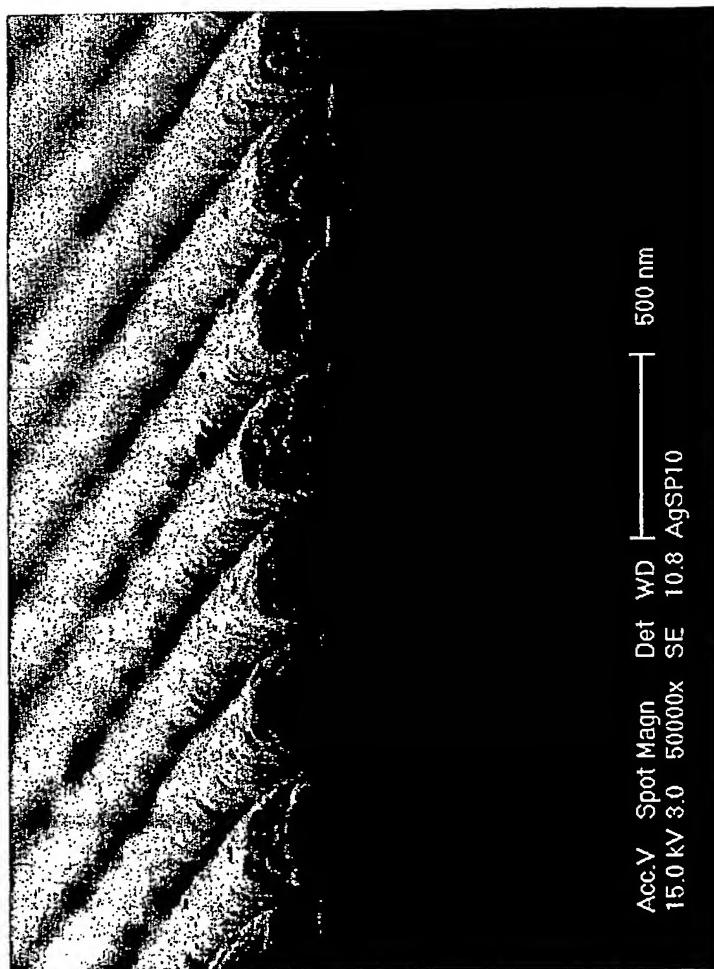
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Figure 16A
Figure 16B



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Figure 16C



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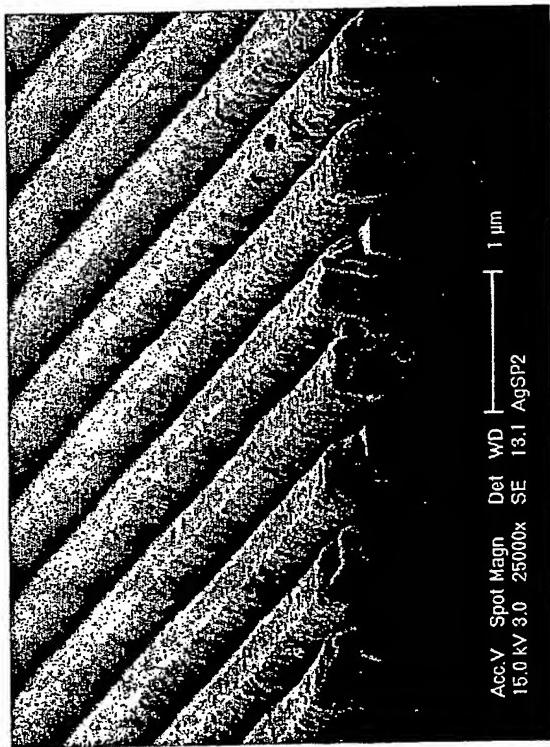


Figure 17

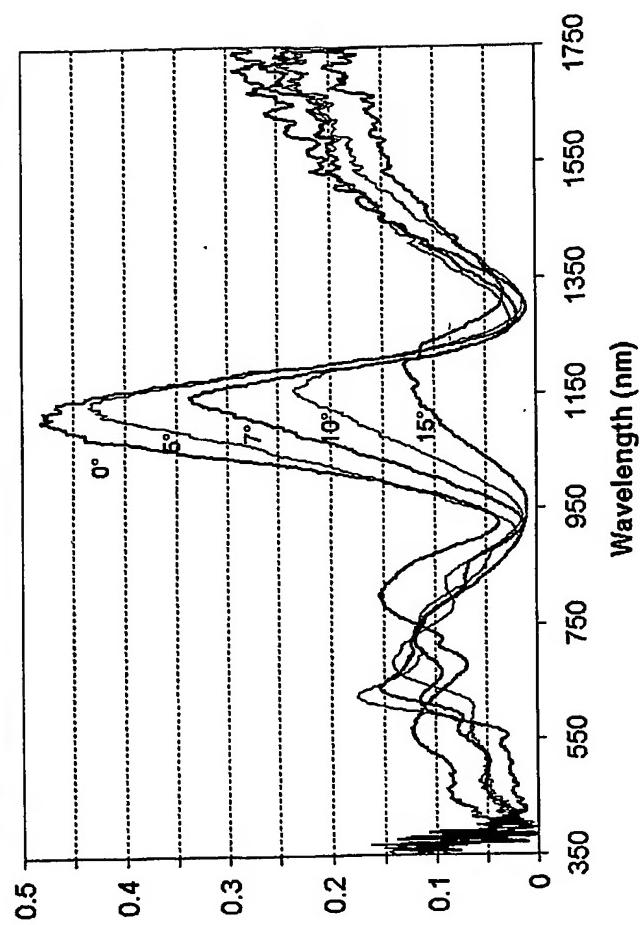


Figure 18

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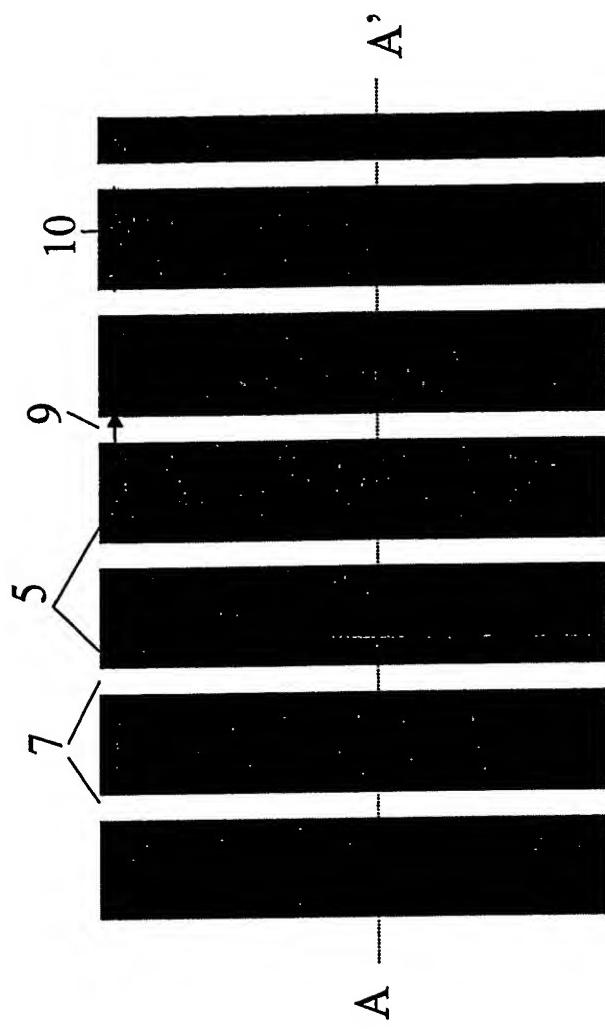


Figure 19A

1

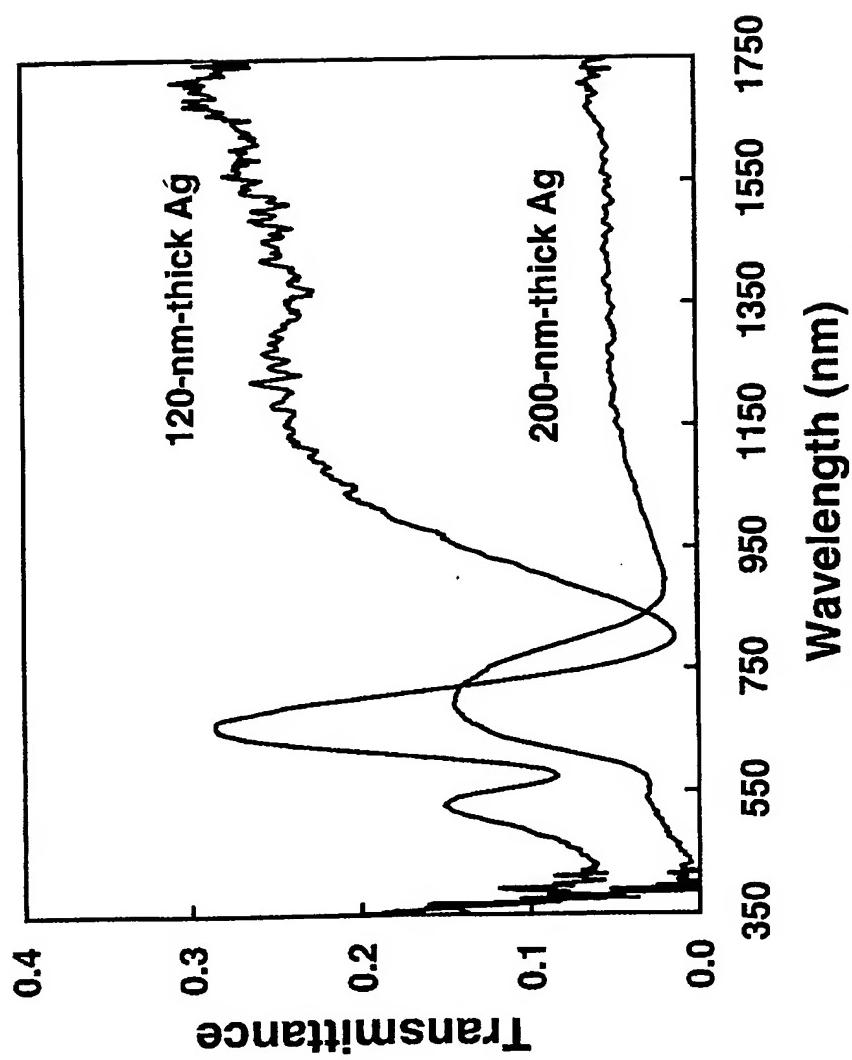


Figure 19B

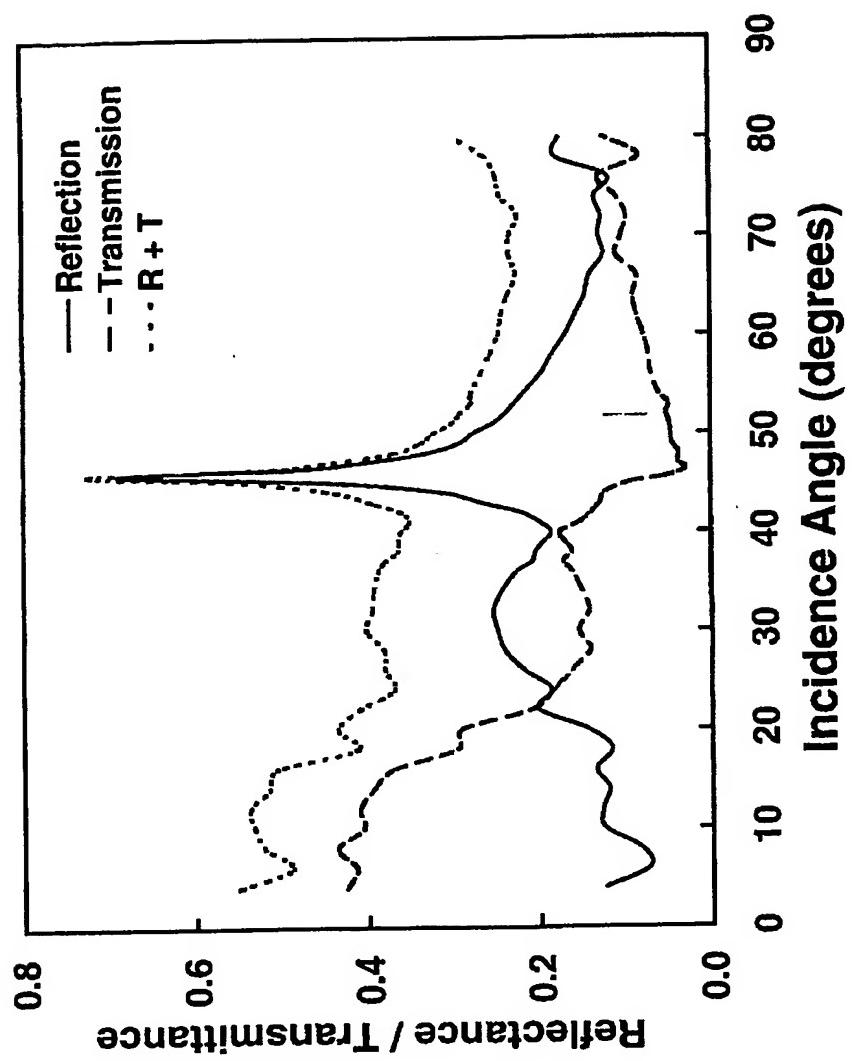
1

3

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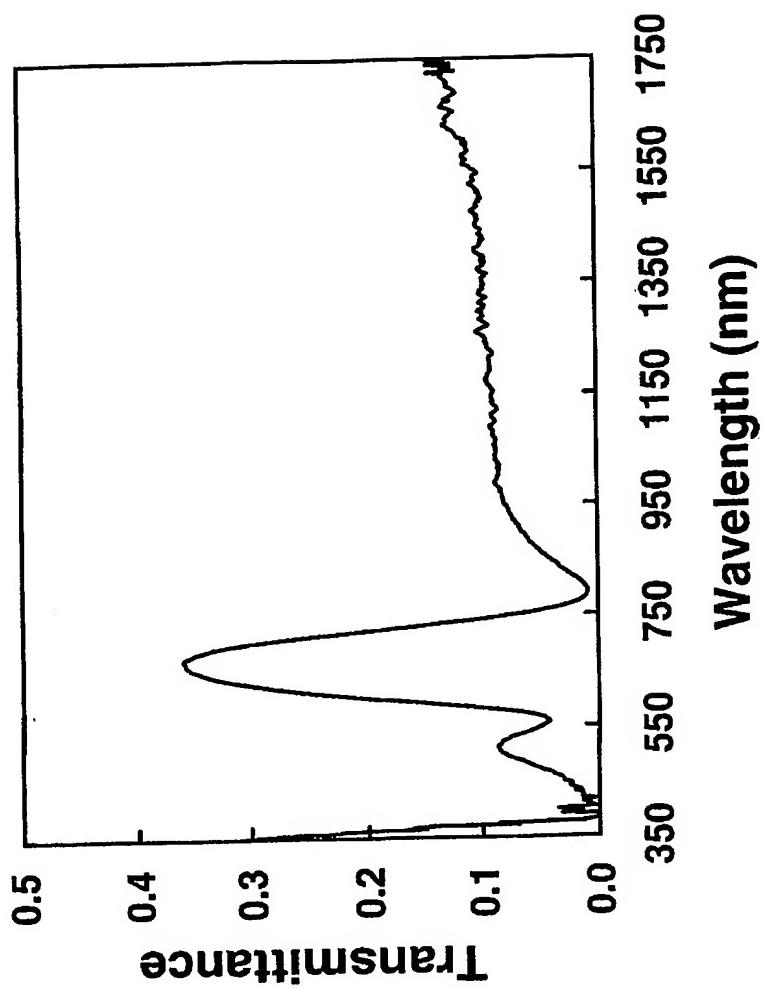
Figure 20A

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Figure 20B

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Figure 20C



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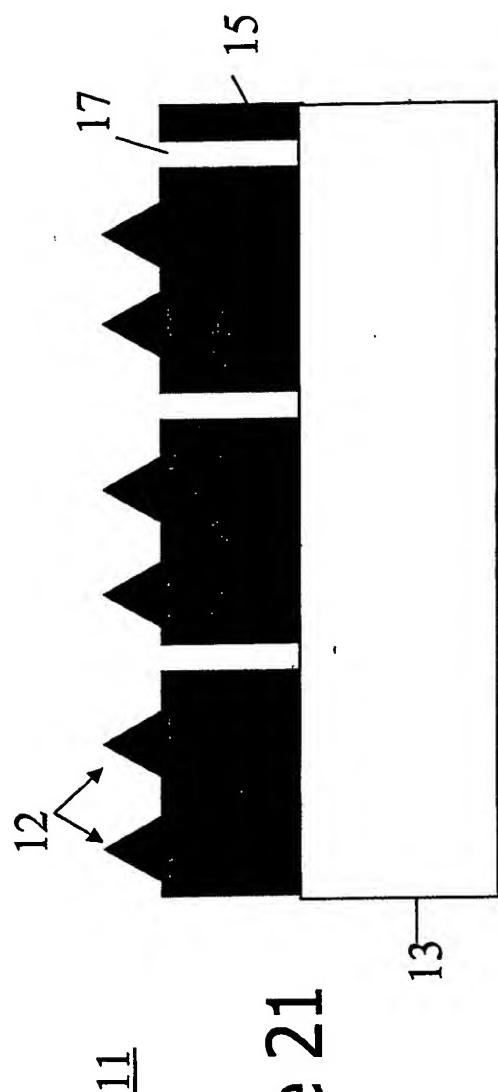


Figure 21

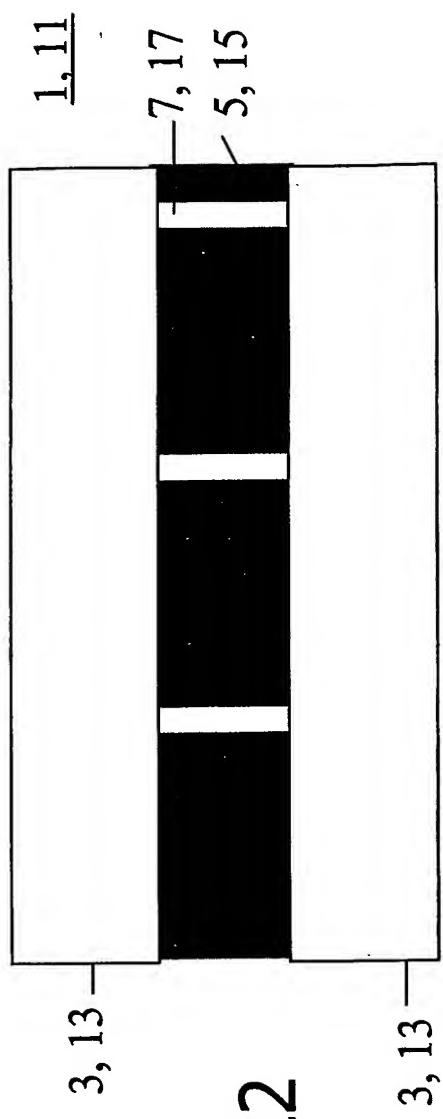


Figure 22

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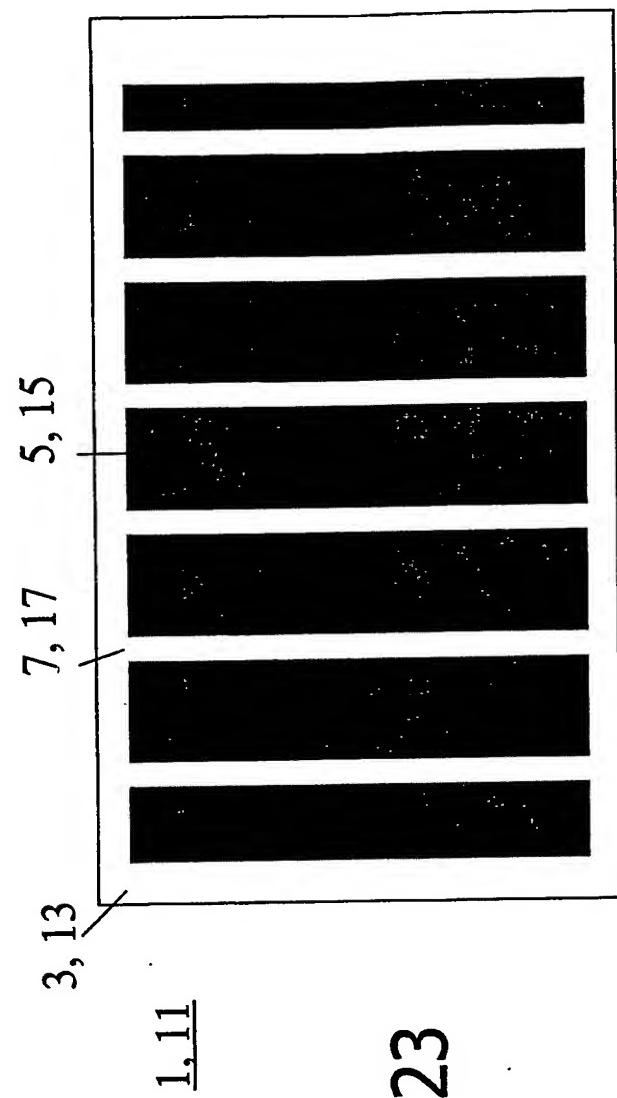


Figure 23

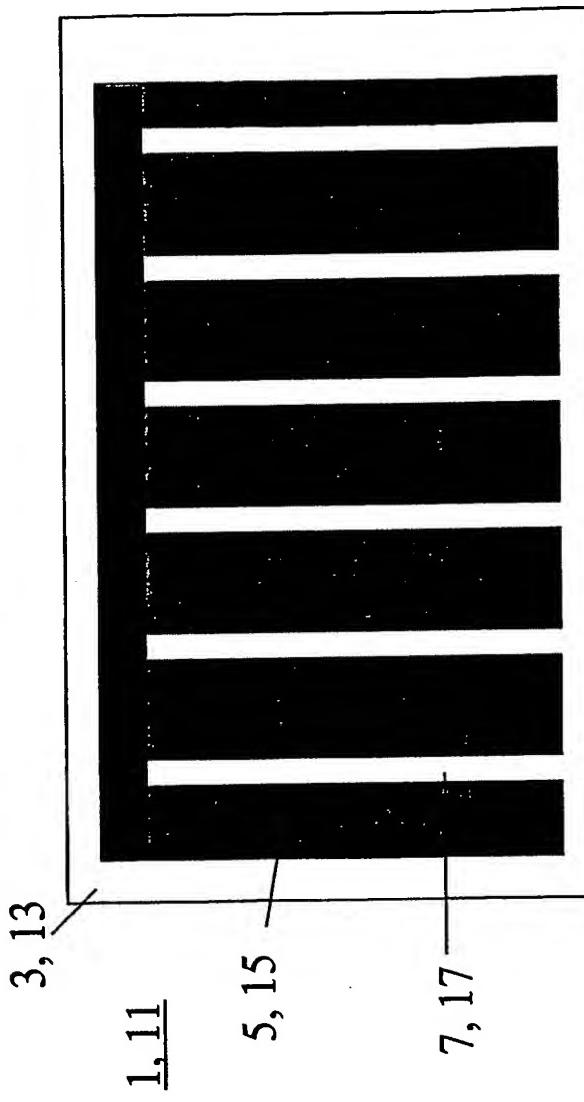
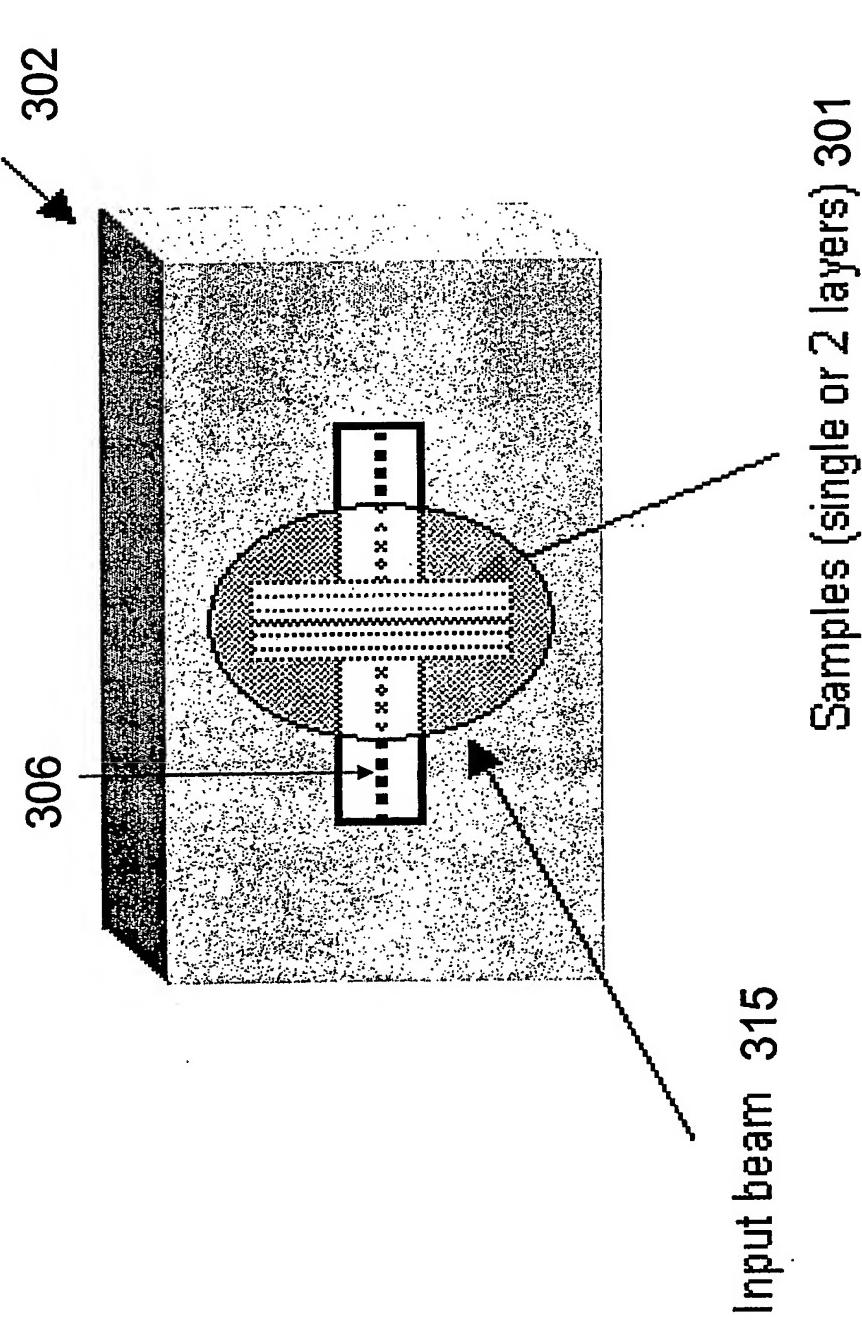


Figure 24

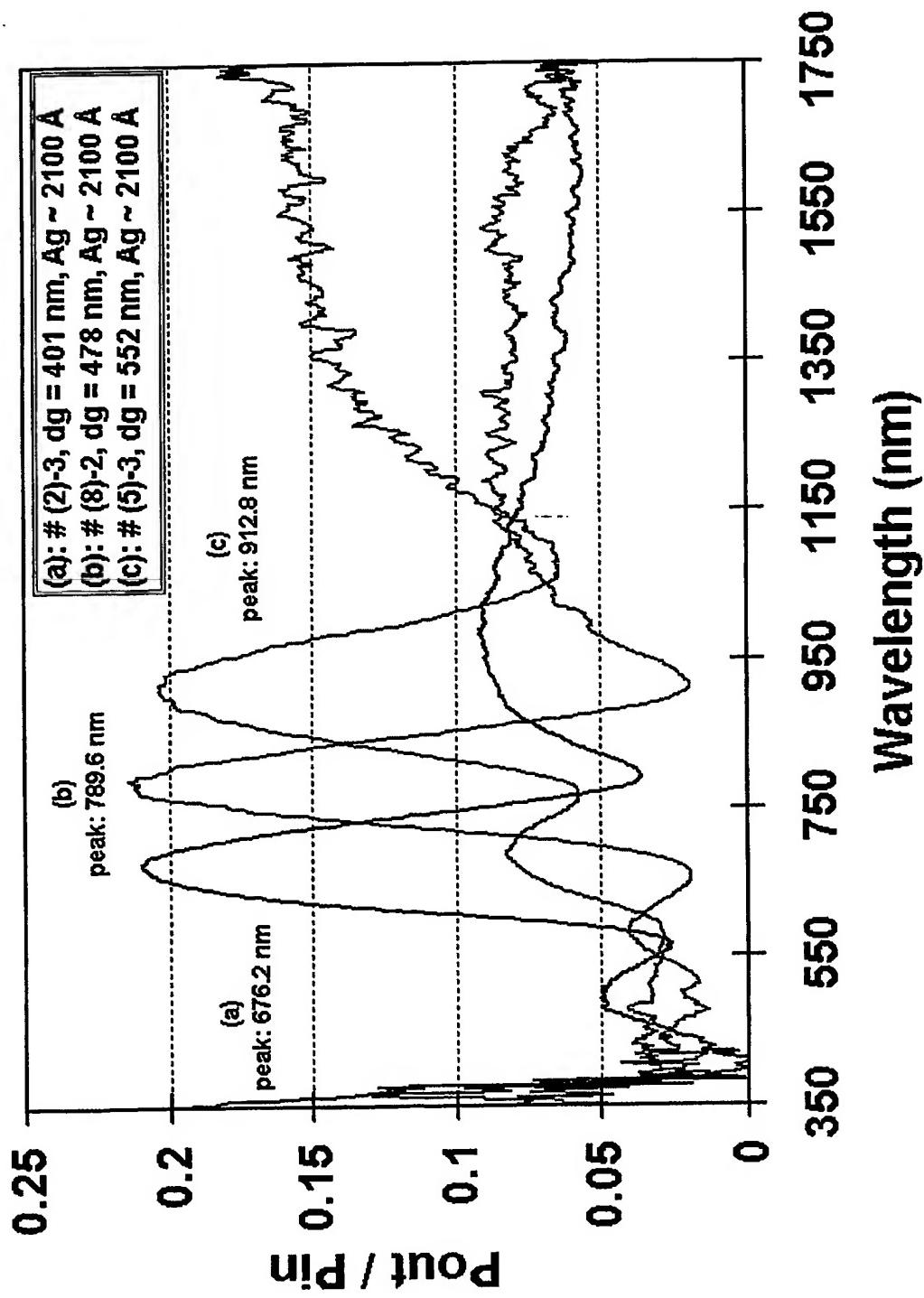
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FIGURE 25



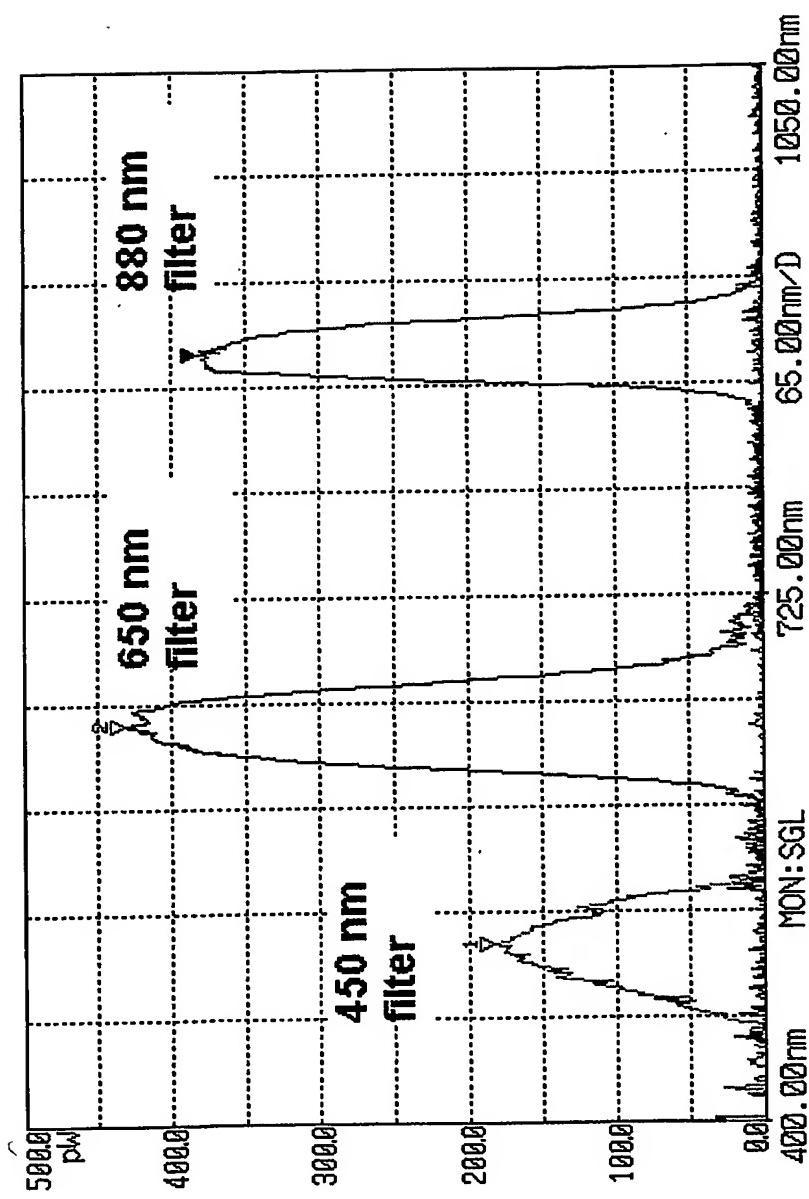
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FIGURE 26



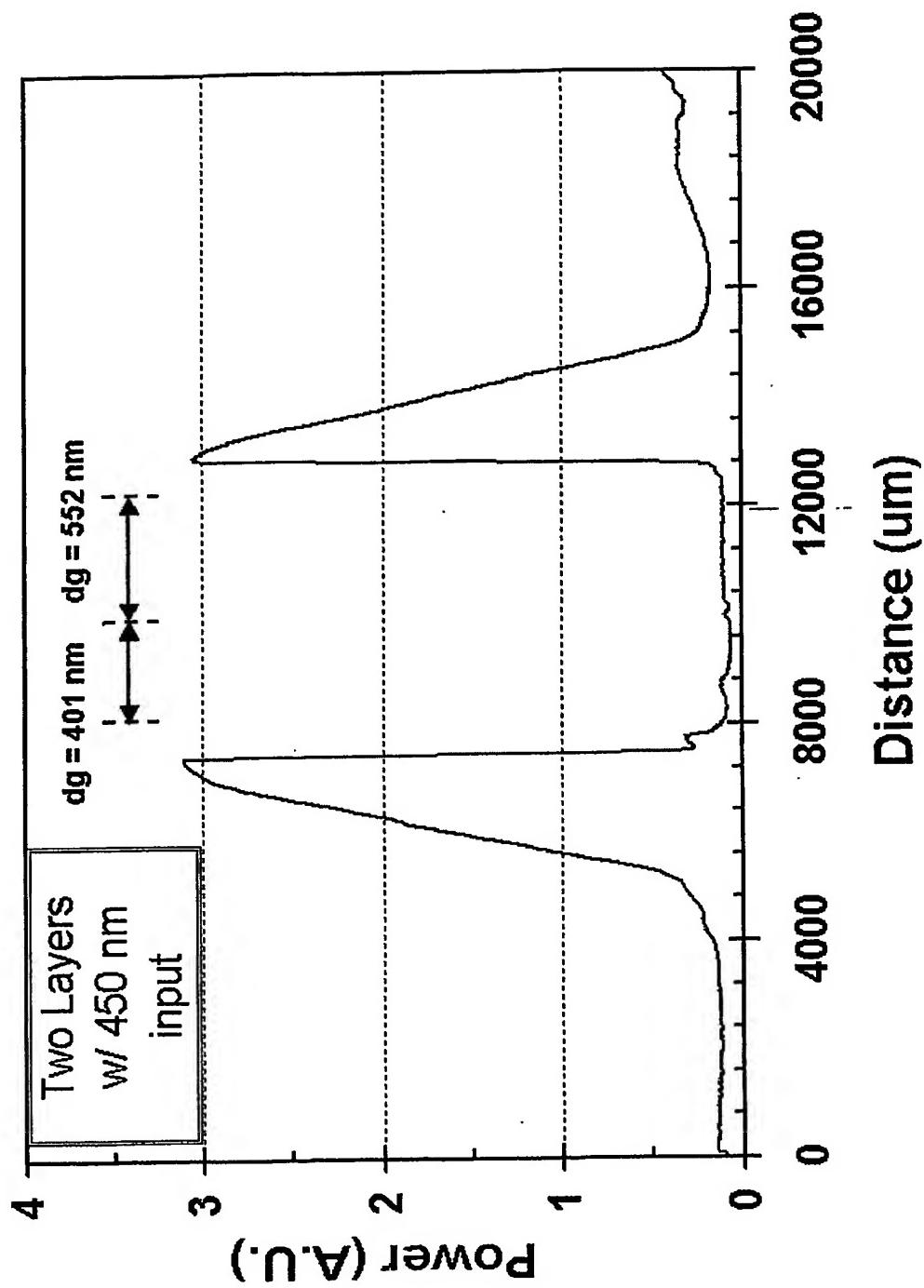
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FIGURE 27



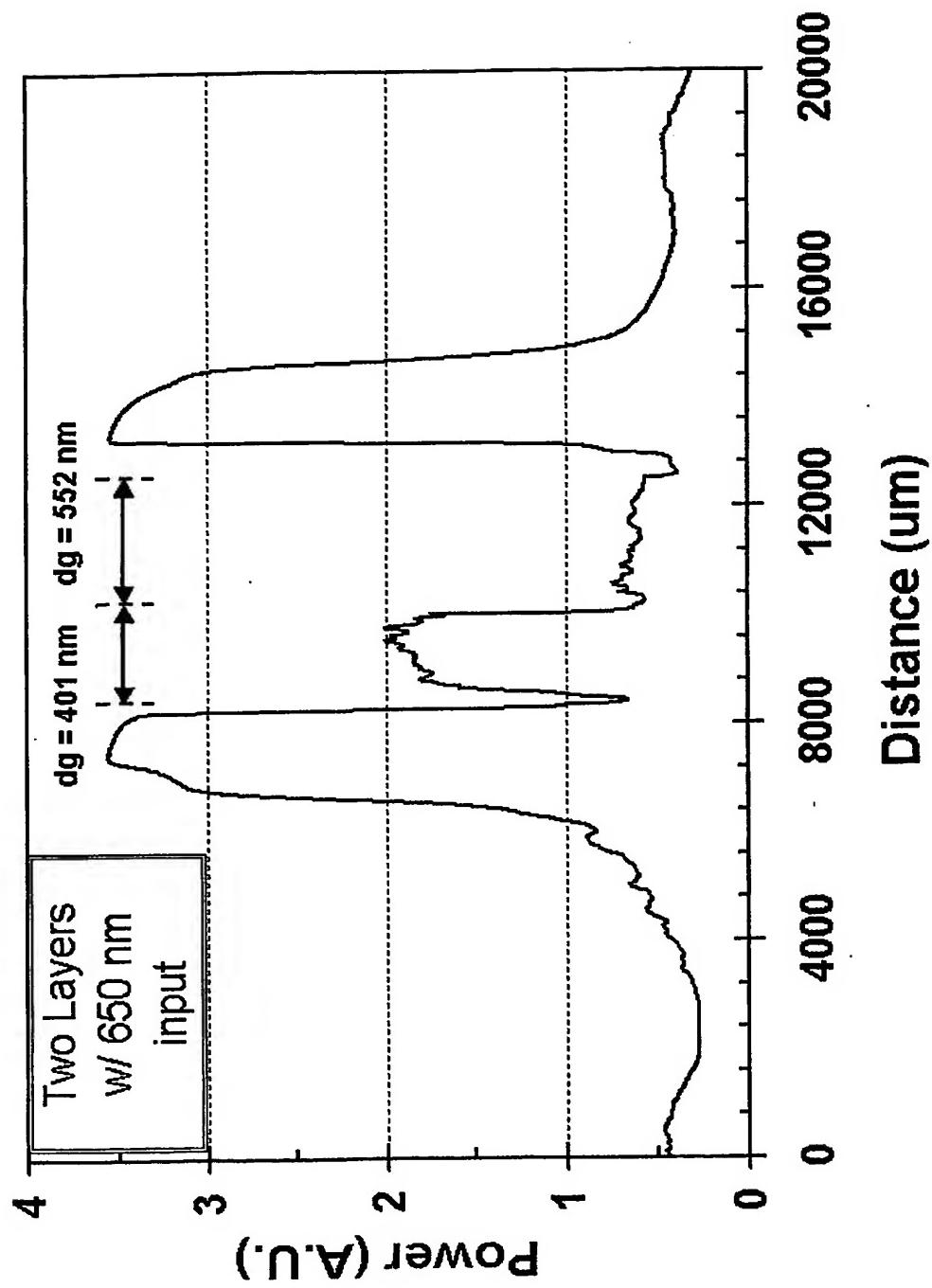
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FIGURE 28



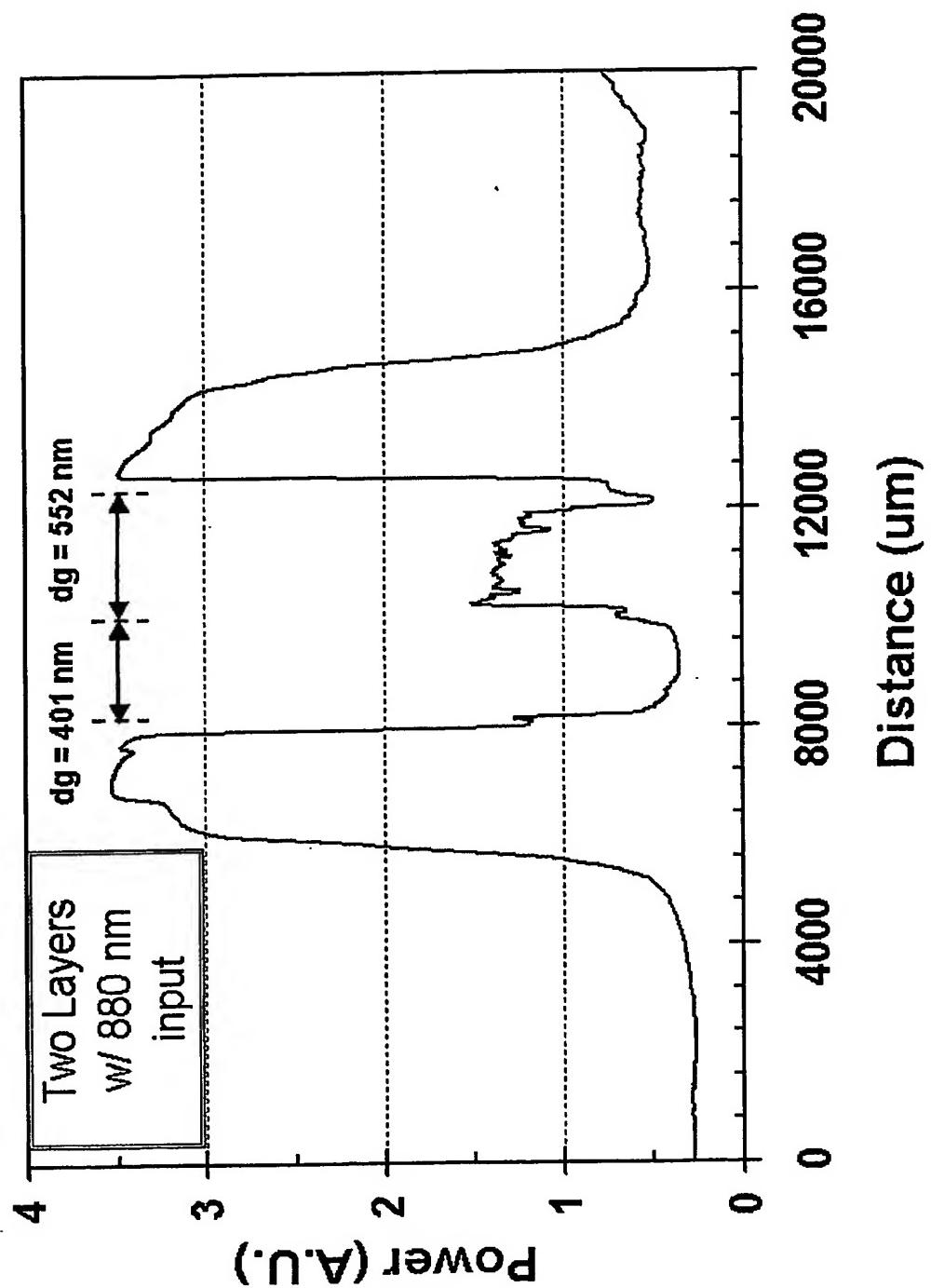
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FIGURE 29

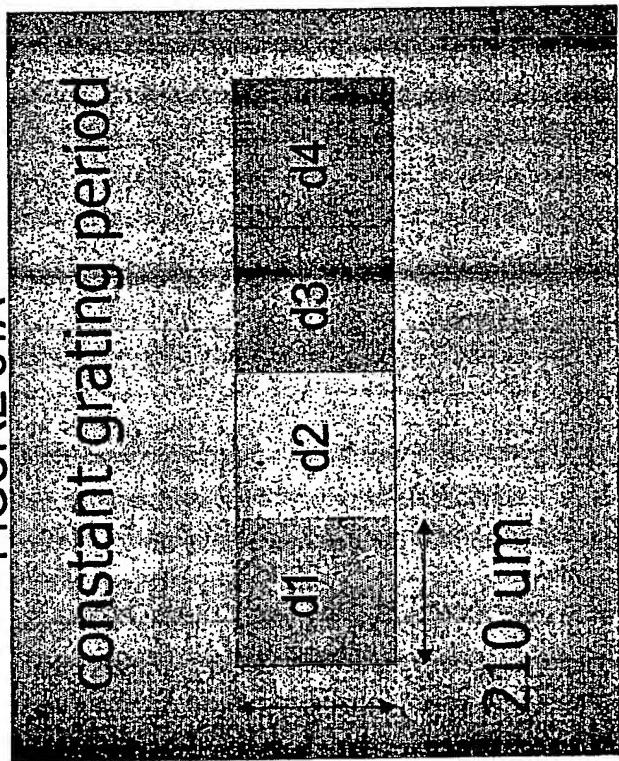
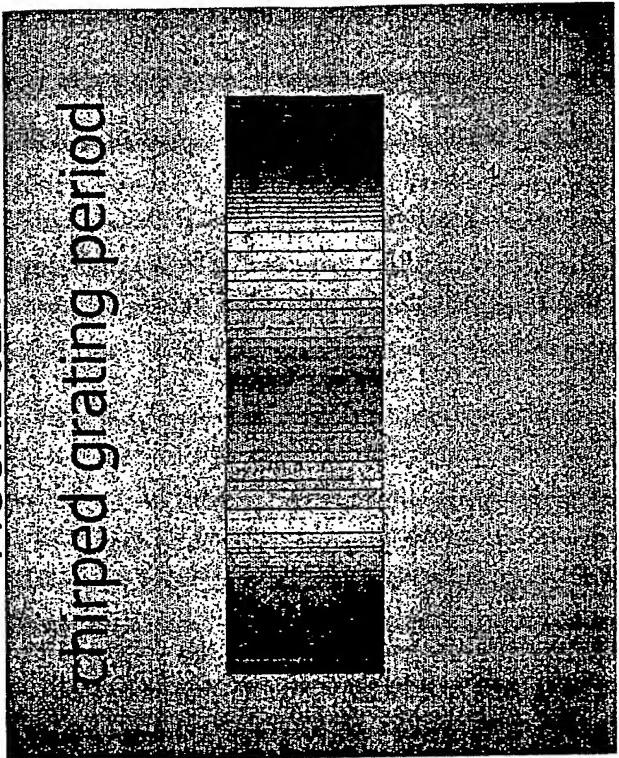
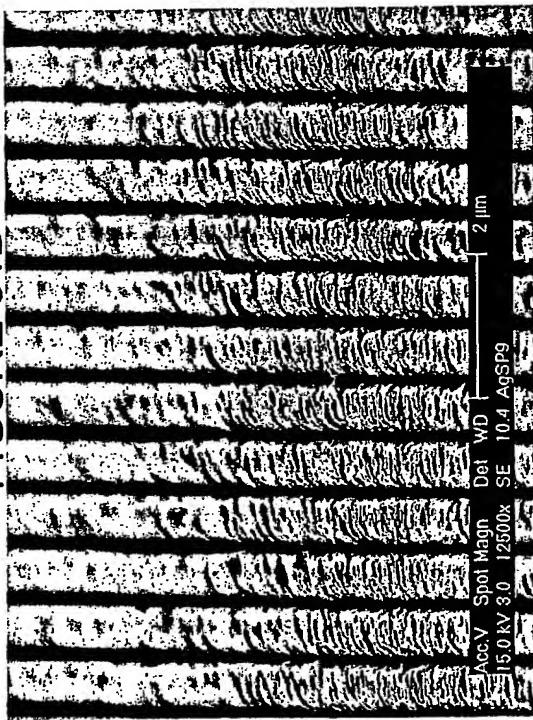
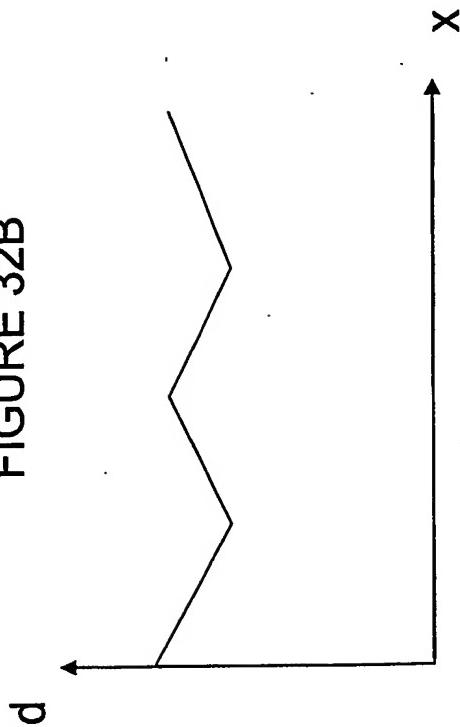


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FIGURE 30



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FIGURE 31A**constant grating period****FIGURE 32A****chirped grating period****FIGURE 31B****FIGURE 32B**

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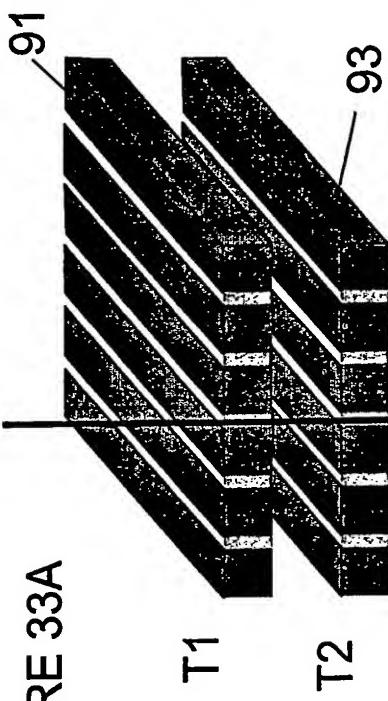


FIGURE 33A

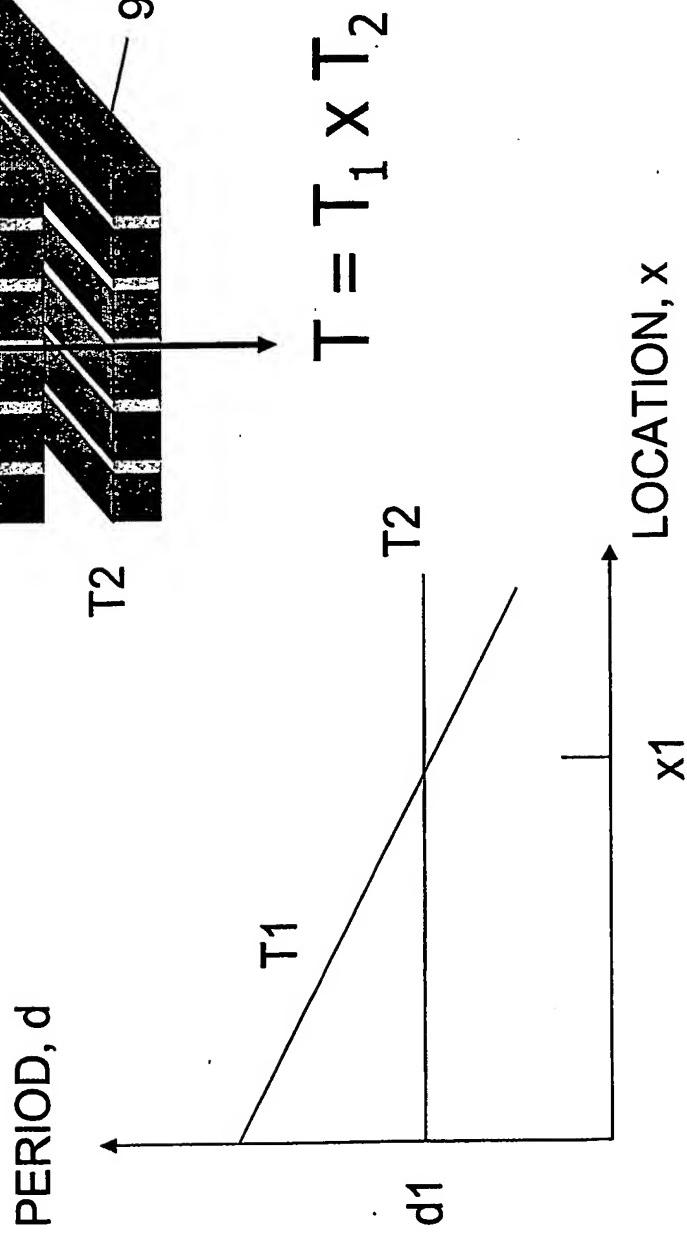
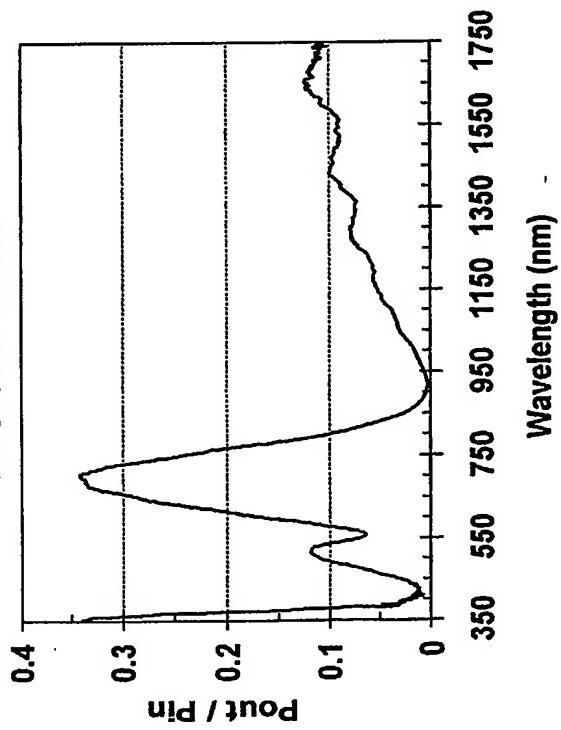
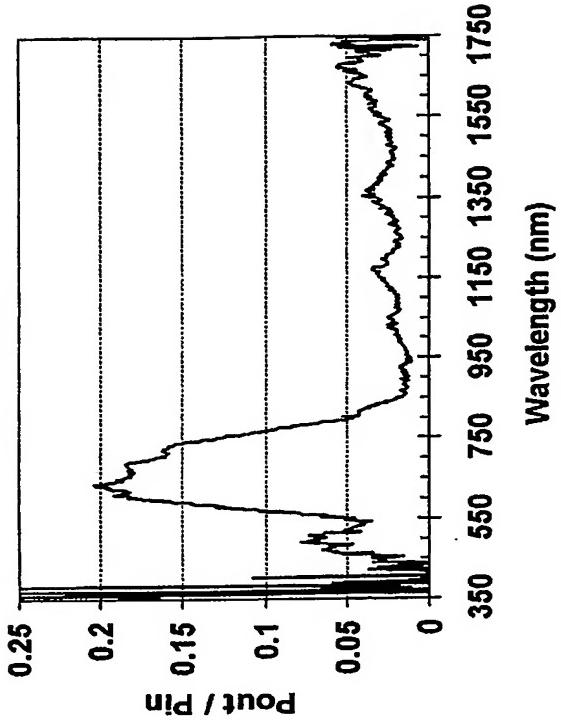
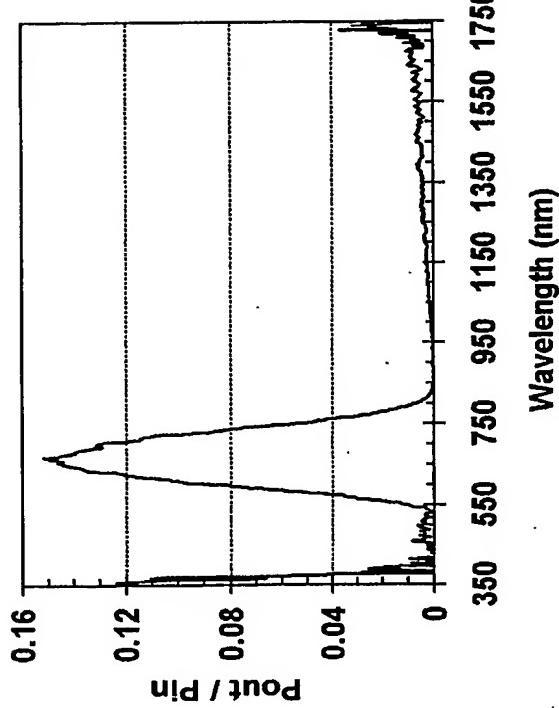


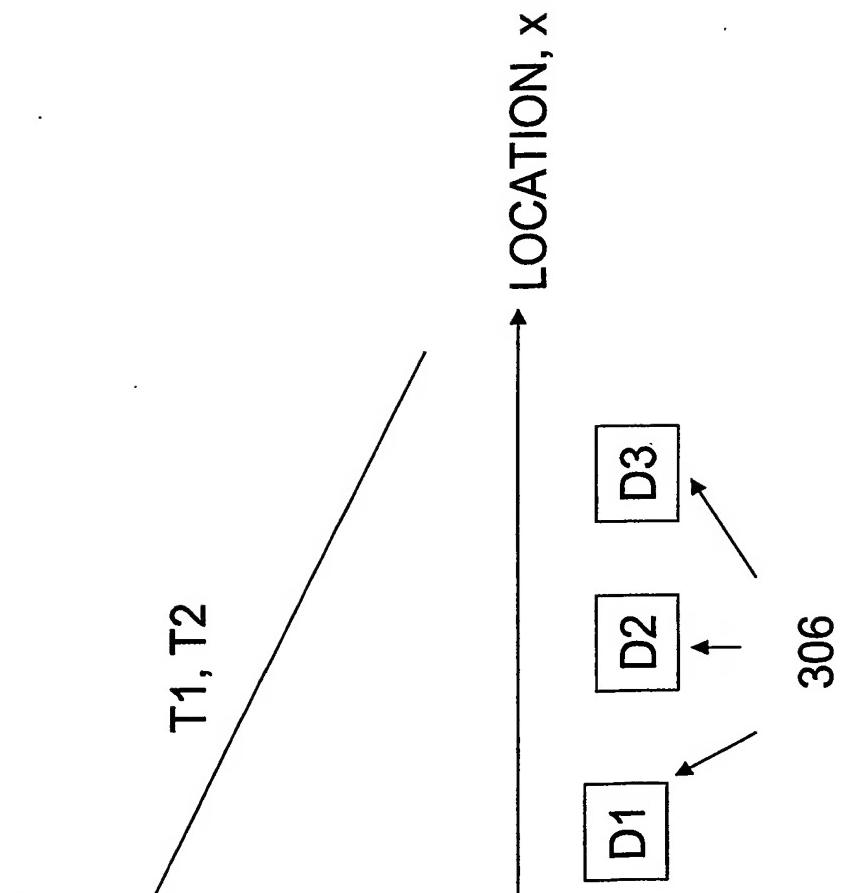
FIGURE 33B

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FIGURE 34A**FIGURE 34B****FIGURE 34C**

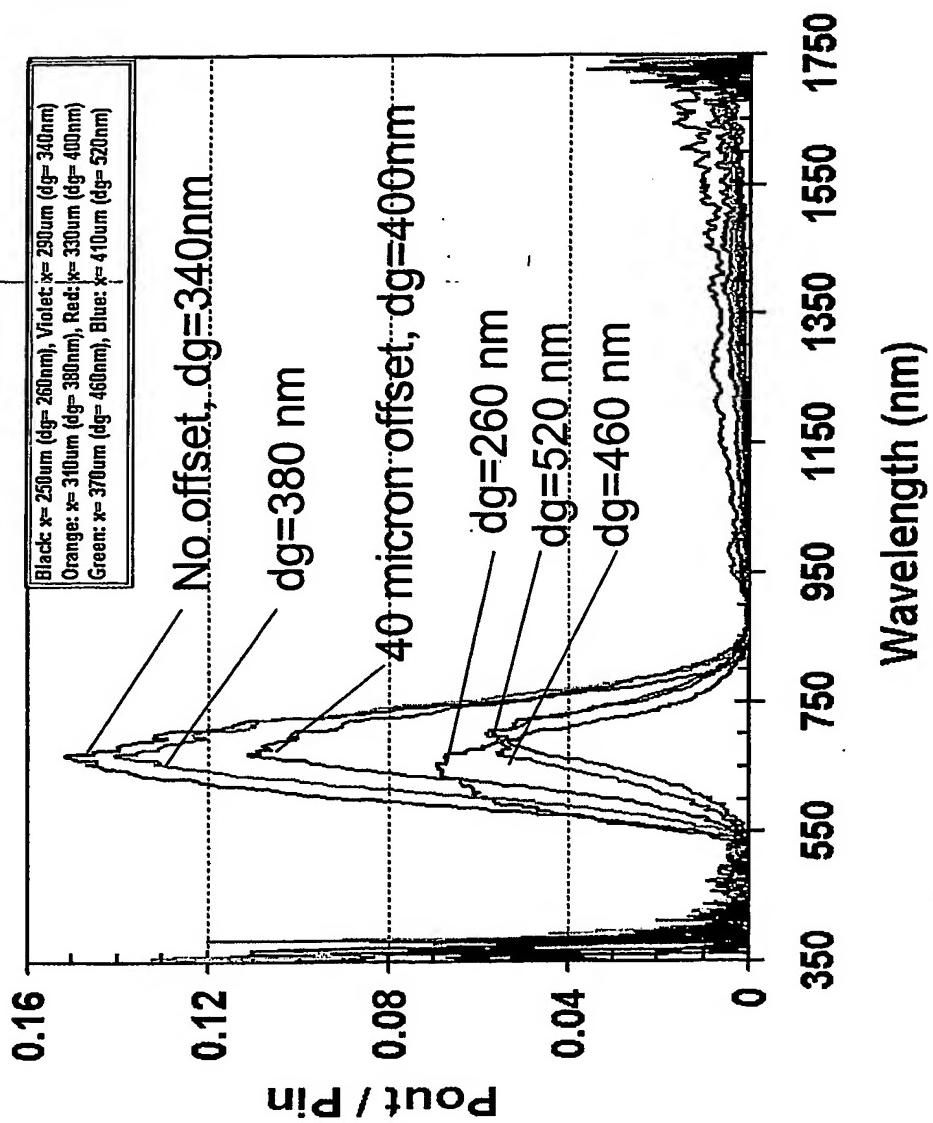
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FIGURE 35A
PERIOD, d



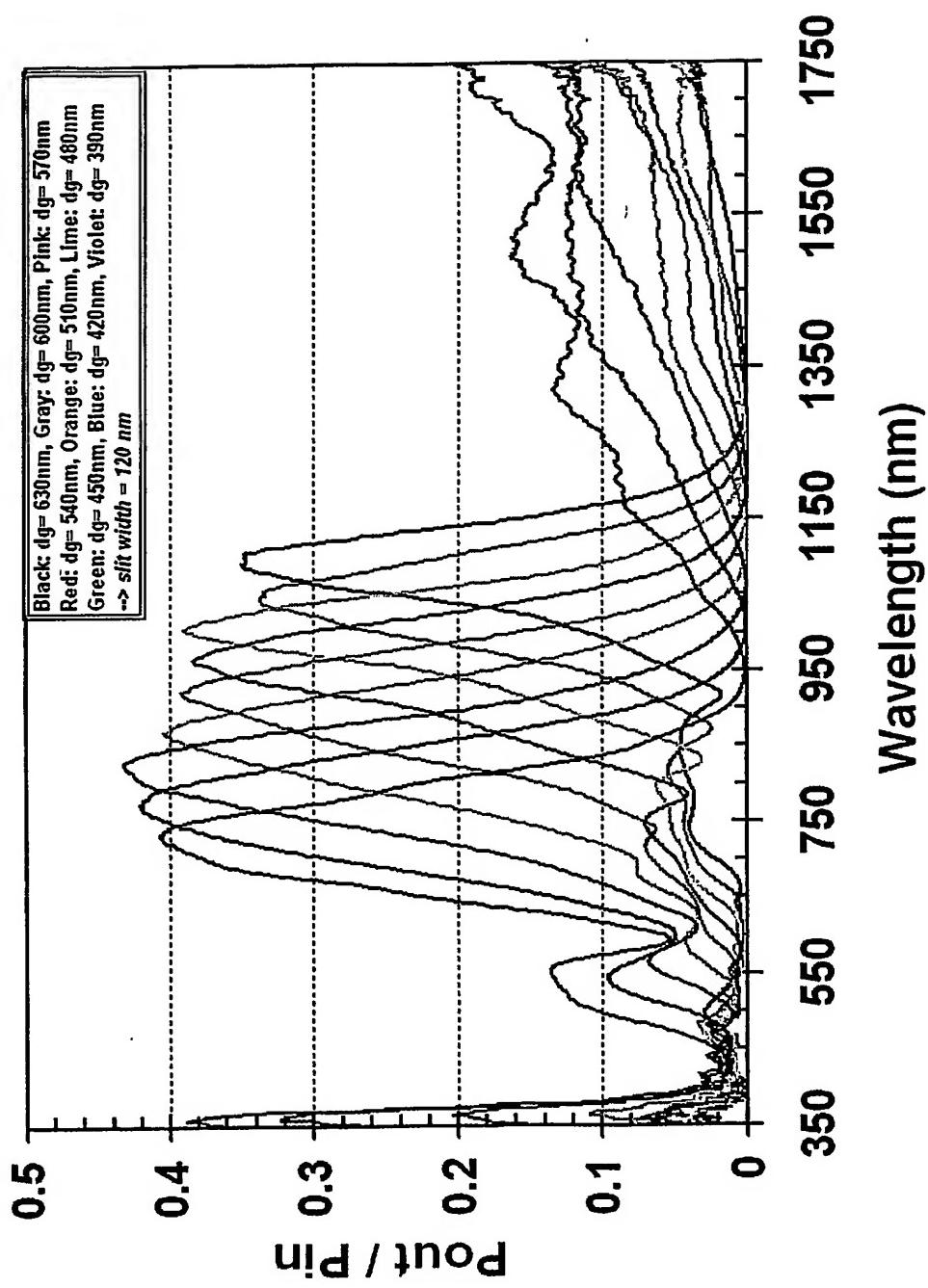
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FIGURE 35B



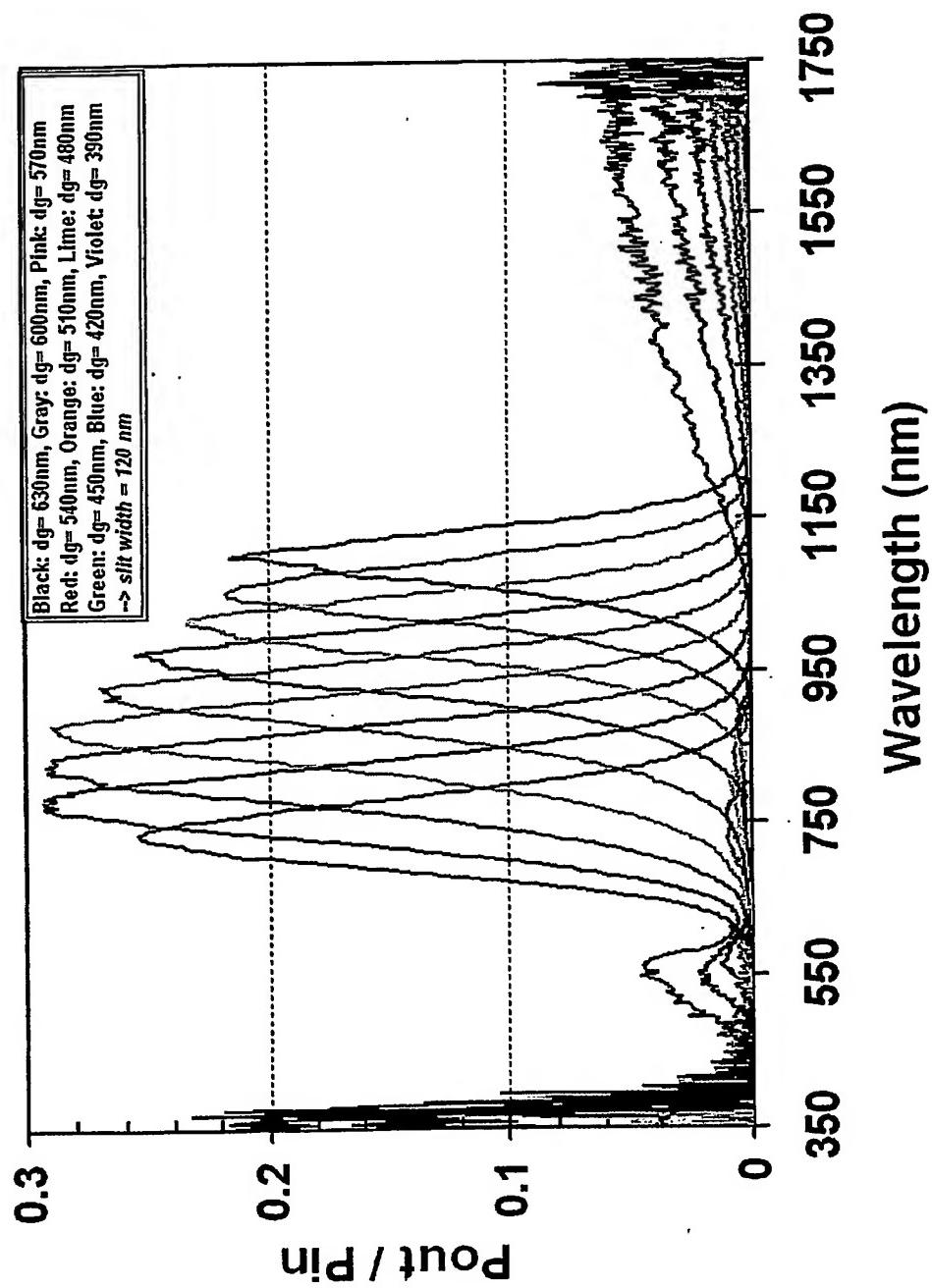
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FIGURE 36A



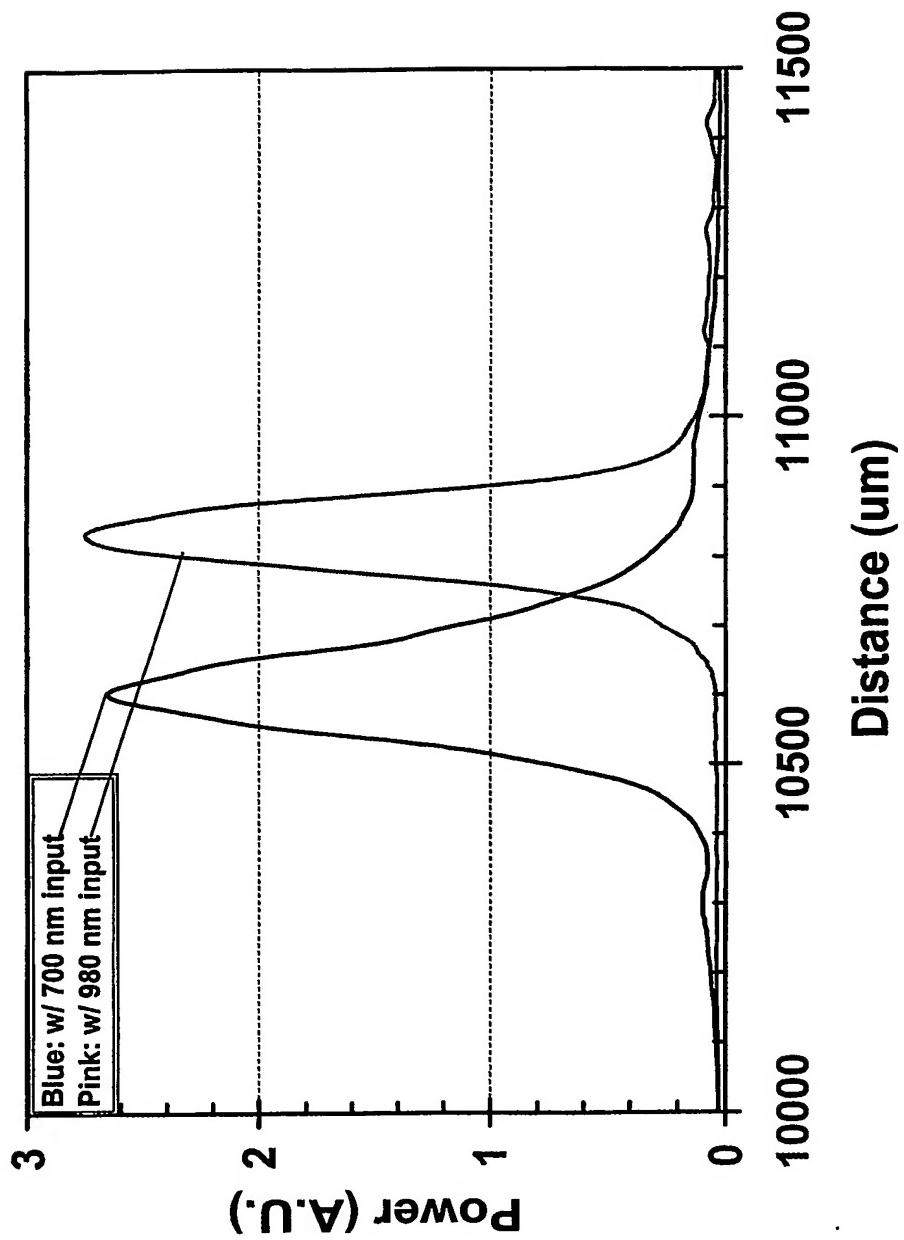
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FIGURE 36B



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FIGURE 36C



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